

## Cisco Catalyst 2960 Series ►

The Cisco Catalyst 2960-S and 2960 Series Switches are the leading Layer 2 edge, providing improved ease of use, highly secure business operations, improved sustainability, and a borderless network experience. The Cisco Catalyst 2960-S Series switches include new Cisco FlexStack switch stacking capability with 1 and 10 Gigabit connectivity, and Power over Ethernet Plus (PoE+) with the Cisco Catalyst 2960 Switches offering fast Ethernet access connectivity and PoE capabilities. The Cisco Catalyst 2960-S and 2960 Series are fixed-configuration access switches designed for enterprise, midmarket, and branch office networks to provide lower total cost of ownership.

The Cisco Catalyst 2960 Series switches feature Cisco's Standard Limited Lifetime Warranty. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 2960-S and 2960 Series Switches on Cisco's website at the following URL: <http://www.cisco.com/go/2960>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>2960 Series 10/100 Switches - Two 1000BaseT Uplinks - LAN Base Software</b>			
WS-C2960-24TT-L	Catalyst 2960 24 10/100 + 2 1000BT LAN Base Image	1,295.00	906.50
CON-SNT-C29602TT	SMARTNET 8X5XNBD Catalyst 2960 24 10/100 + 2 1000BT LAN	75.00	75.00
WS-C2960-48TT-L	Catalyst 2960 48 10/100 + 2 1000BT LAN Base Image	2,495.00	1,746.50
CON-SNT-C29604TT	SMARTNET 8X5XNBD Catalyst 2960 48 10/100 Ports + 2 1000BT	145.00	145.00
<b>2960 Series 10/100 Switches - Two 1000BaseT /or/ 1GB SFP Uplinks - LAN Base Software</b>			
WS-C2960-24TC-L	Catalyst 2960 24 10/100 + 2T/SFP LAN Base Image	1,295.00	906.50
CON-SNT-C29602TC	SMARTNET 8X5XNBD Catalyst 2960 24 10/100 + 2T/SFP LAN	189.00	189.00
WS-C2960-48TC-L	Catalyst 2960 48 10/100 + 2 T/SFP LAN Base Image	2,495.00	1,746.50
CON-SNT-C29604TC	SMARTNET 8X5XNBD Catalyst 2960 48 10/100 + 2 T/SFP LAN	305.00	305.00
<b>2960 Series 10/100 Switches With PoE - Four 1000BaseT /or/ 1GB SFP Uplinks - LAN Base Software</b>			
WS-C2960-24PC-L	Catalyst 2960 24 10/100 PoE + 2 T/SFP LAN Base Image	2,495.00	1,746.50
CON-SNT-C29602PC	SMARTNET 8X5XNBD Cat2960 24 10/100 PoE-2T/SFP LAN Base	173.00	173.00
WS-C2960-48PST-L	Catalyst 2960 48 10/100 PoE + 2 1000BT +2 SFP LAN Base Image	4,495.00	3,146.50
CON-SNT-2964STL	SMARTNET 8X5XNBD 48 port PoE 370W	283.00	283.00
WS-C2960-24LT-L	Catalyst2960 24 10/100 (8 PoE)+ 2 1000BT LAN Base Image	1,495.00	1,046.50
CON-SNT-C29602LT	SMARTNET 8X5XNBD Cat2960 24 10/100 8PoE-2 1K BT LAN Base	104.00	104.00
<b>2960G Series 10/100/1000 Switches - Four 1000BaseT /or/ 1GB SFP Uplinks - LAN Base Software</b>			
WS-C2960G-24TC-L	Catalyst 2960 24 10/100/1000, 4 T/SFP LAN Base Image	3,795.00	2,656.50
CON-SNT-C2960G2C	SMARTNET 8X5XNBD Catalyst 2960 24 10/100/1000, 4 T/SFP	190.00	190.00
WS-C2960G-48TC-L	Catalyst 2960 48 10/100/1000, 4 T/SFP LAN Base Image	6,895.00	4,826.50
CON-SNT-C2960G4C	SMARTNET 8X5XNBD Catalyst 2960 48 10/00/1000	445.00	445.00
<b>2960 Series 10/100 Compact Switches - LAN Base Software</b>			
WS-C2960-8TC-L	Catalyst 2960 8 10/100 + 1 T/SFP LAN Base Image	895.00	626.50
CON-SNT-C29608C	SMARTNET 8X5XNBD Catalyst 2960 8 10/100	52.00	52.00

WS-C2960G-8TC-L	Catalyst 2960 7 10/100/1000 + 1 T/SFP LAN Base	1,395.00	976.50
CON-SNT-C2960G8C	SMARTNET 8X5XNBD Catalyst 2960 7 10/100/1000	81.00	81.00
WS-C2960PD-8TT-L	Catalyst 2960 Powered Device 8 10/100 + 1 1000BT LAN Base	795.00	556.50
CON-SNT-C2960P8T	SMARTNET 8X5XNBD Cat2960 Pwr Device 8 10/100-1 1K BT LAN	46.00	46.00

#### 2960 Series 10/100 Switches - LAN Lite Software

WS-C2960-24-S	Catalyst 2960 24 10/100 LAN Lite Image	725.00	507.50
CON-SNT-296024S	SMARTNET 8X5XNBD Catalyst 2960 24 10/100 LAN Lite Image	46.00	46.00
WS-C2960-24TC-S	Catalyst 2960 24 10/100 + 2 T/SFP LAN Lite Image	725.00	507.50
CON-SNT-296024TC	SMARTNET 8X5XNBD Cat 2960 24 10/100 + 2 T/SFP LAN Lite	81.00	81.00
WS-C2960-48TT-S	Catalyst 2960 48 10/100 + 2 1000BT LAN Lite Image	1,245.00	871.50
CON-SNT-2964TTS	SMARTNET 8X5XNBD 48 10/100 ports + 2 1000 BT LAN Lite	104.00	104.00
WS-C2960-48TC-S	Catalyst 2960 48 10/100 + 2 T/SFP LAN Lite Image	1,245.00	871.50
CON-SNT-296048TC	SMARTNET 8X5XNBD Cat 2960 48 10/10 ports + 2 T/SFP LAN Lite	144.00	144.00

#### 2960 Series 10/100 Compact Switches - LAN Lite Software

WS-C2960-8TC-S	Catalyst 2960 8 10/100 + 1 T/SFP LAN Lite Image	595.00	416.50
CON-SNT-2968TCS	SMARTNET 8X5XNBD 8 10/100 port LanLite	46.00	46.00

#### 2960 Series 10/100 Switches With PoE - LAN Lite Software

WS-C2960-24PC-S	Catalyst 2960 24 10/100 POE + 2 10/100/1000 or SFP LAN Lite Image	1,795.00	1,256.50
CON-SNT-C24PCS	SMARTNET 8X5XNBD Catalyst 2960 24 10/100 PoE + 2 T/SFP	115.00	115.00
WS-C2960-48PST-S	Catalyst 2960 48 10/100 POE & 2 10/100/1000 & 2 SFP LAN Lite Image	3,095.00	2,166.50
CON-SNT-C48PSTS	SMARTNET 8X5XNBD Catalyst 2960 48 10/100 PoE + 2 1000BT	202.00	202.00
WS-C2960-24LC-S	Catalyst 2960 24 10/100 (8 poe) + 2 10/100/1000 or SFP LAN Lite Image	1,095.00	766.50
CON-SNT-C24LCS	SMARTNET 8X5XNBD Catalyst 2960 24 10/100 (8 PoE) + 2 T/SF	75.00	75.00

#### 2975 Series 10/100/1000 Switch With PoE - LAN Base Software

WS-C2975GS-48PS-L	Catalyst 2975 48 10/100/1000 PoE + 4 SFP LAN Base Image	10,000.00	7,000.00
CON-SNT-W2948PSL	SMARTNET 8X5XNBD Catalyst 2975 48 10/100/1000 PoE +4 SFP	751.00	751.00

#### Compatible Optics and Accessories

##### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP *	395.00	276.50
GLC-FE-100FX=	100BASE-FX SFP for FE port	250.00	175.00

\* GLC-T= is not supported on 2960-8TC and 2960G-8TC

##### Spare Rackmount Kits

RCKMNT-1RU=	Rack Mount Kit for 1RU for 3750,3560,3550,2900-LRE-XL	75.00	52.50
RCKMNT-REC-1RU=	RECESSED 1RU RACK MOUNT FOR 2960, 2960-S, 3560, and 3750	50.00	35.00
RCKMNT-19-CMPCT=	19in RackMount for Catalyst 3560,2960,ME-3400 Compact Switch	75.00	52.50

##### Mode Conditioning Patch Cables

CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00
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 Updated By: Mike Kling  
 Date: February 14, 2013

## Cisco Catalyst 2960-S Series

The Cisco Catalyst 2960-S and 2960 Series Switches are the leading Layer 2 edge, providing improved ease of use, highly secure business operations, improved sustainability, and a borderless network experience. The Cisco Catalyst 2960-S Series switches include new Cisco FlexStack switch stacking capability with 1 and 10 Gigabit connectivity, and Power over Ethernet Plus (PoE+) with the Cisco Catalyst 2960 Switches offering fast Ethernet access connectivity and PoE capabilities. The Cisco Catalyst 2960-S and 2960 Series are fixed-configuration access switches designed for enterprise, midmarket, and branch office networks to provide lower total cost of ownership.

The Cisco Catalyst 2960-S Series switches feature Cisco's Enhanced Limited Lifetime Hardware Warranty, which includes next business day replacement (where available) and access to technical support during local business hours, 8 hours per day, 5 days per week, for a period of ninety (90) calendar days from the date of purchase. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 2960-S and 2960 Series Switches on Cisco's website at the following URL: <http://www.cisco.com/go/2960>

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<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>2960-S Series 10/100/1000 Switches - Four 1GB SFP Slots - LAN Base Software</b>			
WS-C2960S-24TS-L	Catalyst 2960S 24 GigE, 4 x SFP LAN Base	2,995.00	2,096.50
CON-SNT-2960S2TS	SMARTNET 8X5XNBD Cat 2960S Stk 24 GigE,4xSFP LAN Base	325.00	325.00
WS-C2960S-48TS-L	Catalyst 2960S 48 GigE, 4 x SFP LAN Base	4,995.00	3,496.50
CON-SNT-2960S4TS	SMARTNET 8X5XNBD Cat 2960S Stk48 GigE,4xSFP LAN Base	325.00	325.00
<b>2960-S Series 10/100/1000 Switches - Two 10GB SFP+ /or/ 1GB SFP Slots - LAN Base Software</b>			
WS-C2960S-24TD-L	Catalyst 2960S 24 GigE, 2 x 10G SFP+ LAN Base	4,495.00	3,146.50
CON-SNT-2960S2TD	SMARTNET 8X5XNBD Cat 2960S Stk 24 GigE,2x10G SFP+LAN Base	325.00	325.00
WS-C2960S-48TD-L	Catalyst 2960S 48 GigE, 2 x 10G SFP+ LAN Base	6,995.00	4,896.50
CON-SNT-2960S4TD	SMARTNET 8X5XNBD Cat2960S Stk48 GigE,2x10G SFP+ LAN Base	325.00	325.00
<b>2960-S Series 10/100/1000 Switches With 370W PoE+ - Four 1GB SFP Slots - LAN Base Software</b>			
WS-C2960S-24PS-L	Catalyst 2960S 24 GigE PoE 370W, 4 x SFP LAN Base	3,995.00	2,796.50
CON-SNT-2960S2PS	SMARTNET 8X5XNBD Catalyst 2960S Stack	325.00	325.00
WS-C2960S-48LPS-L	Catalyst 2960S 48 GigE PoE 370W, 4 x SFP LAN Base	6,495.00	4,546.50
CON-SNT-2960S4LS	SMARTNET 8X5XNBD Cat 2960S Stk48 GigE PoE 370W,4xSFP LAN B	325.00	325.00
<b>2960-S Series 10/100/1000 Switches With 370W PoE+ - Two 10GB SFP+ /or/ 1GB SFP Slots - LAN Base Software</b>			
WS-C2960S-24PD-L	Catalyst 2960S 24 GigE PoE 370W, 2 x 10G SFP+ LAN Base	5,495.00	3,846.50
CON-SNT-2960S2PD	SMARTNET 8X5XNBD Cat2960S Stk24 GigE PoE370W,2x10G LANBase	325.00	325.00
WS-C2960S-48LPD-L	Catalyst 2960S 48 GigE PoE 370W, 2 x 10G SFP+ LAN Base	8,495.00	5,946.50
CON-SNT-2960S4LD	SMARTNET 8X5XNBD Cat 2960S Stk48 GigE PoE 370W,2x10G LANB	325.00	325.00
<b>2960-S Series 10/100/1000 Switches With 740W PoE+ - Four 1GB SFP Slots - LAN Base Software</b>			
WS-C2960S-48FPS-L	Catalyst 2960S 48 GigE PoE 740W, 4 x SFP LAN Base	7,495.00	5,246.50
CON-SNT-2960S4FS	SMARTNET 8X5XNBD Cat 2960S Stk48 GigE PoE 740W,4xSFP Base	325.00	325.00

### 2960-S Series 10/100/1000 Switches With 740W PoE+ - Two 10GB SFP+ /or/ 1GB SFP Slots - LAN Base Software

WS-C2960S-48FPD-L	Catalyst 2960S 48 GigE PoE 740W, 2 x 10G SFP+ LAN Base	9,495.00	6,646.50
CON-SNT-2960S4FD	SMARTNET 8X5XNBD Cat 2960S Stk48 GigE PoE 740W,2x10G LANB	325.00	325.00

### 2960-S Series 10/100/1000 LAN Switches - Two 1GB SFP Slots - LAN Lite Software

WS-C2960S-24TS-S	Catalyst 2960S 24 GigE, 2 x SFP LAN Lite	1,995.00	1,396.50
CON-SNT-2960S2SS	SMARTNET 8X5XNBD Cat 2960S 24 GigE,2 x SFP LAN Lite	140.00	140.00
WS-C2960S-48TS-S	Catalyst 2960S 48 GigE, 2 x SFP LAN Lite	3,595.00	2,516.50
CON-SNT-2960S4SS	SMARTNET 8X5XNBD Cat 2960S 48GigE,2xSFP LAN Lite	140.00	140.00

### Compatible Optics and Accessories

#### 10 GB SFP+ Optics

SFP-10G-LRM=	10GBASE-LRM SFP Module	1,295.00	906.50
SFP-10G-SR=	10GBASE-SR SFP Module	1,495.00	1,046.50
SFP-10G-LR=	10GBASE-LR SFP Module	3,995.00	2,796.50

#### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP *	395.00	276.50
GLC-FE-100FX=	100BASE-FX SFP for FE port	250.00	175.00
GLC-GE-100FX=	100BASE-FX SFP for GE SFP port on 3750,3560,2970,2960	250.00	175.00

#### Stacking Modules/Cables

C2960S-STACK=	Catalyst 2960S Flexstack Stack Module	1,500.00	1,050.00
CAB-STK-E-0.5M=	Flexstack stacking cable with .5 m length	100.00	70.00
CAB-STK-E-1M=	Flexstack stacking cable with 1 m length	200.00	140.00
CAB-STK-E-3M=	Flexstack stacking cable with 3 m length	300.00	210.00

#### Spare Rackmount Kits

RCKMNT-1RU=	Rack Mount Kit for 1RU for 3750,3560,3550,2900-LRE-XL	75.00	52.50
RCKMNT-REC-1RU=	RECESSED 1RU RACK MOUNT FOR 2960, 2960-S, 3560, and 3750	50.00	35.00
RCKMNT-19-CMPCT=	19in RackMount for Catalyst 3560,2960,ME-3400 Compact Switch	75.00	52.50

#### Mode Conditioning Patch Cables

CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00

#### Console Cables

CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F	30.00	21.00
CAB-CONSOLE-USB	Console Cable 6 ft with USB Type A and mini-B	30.00	21.00

## Cisco Catalyst 2360 Series

The Cisco Catalyst® 2360 Series Switches are high-speed Layer 2 top-of-rack switches that provide Gigabit Ethernet server aggregation in the data center. The Cisco Catalyst 2360 Series is designed to meet the demands of today's data center, including high performance and high availability. The Cisco Catalyst 2360 Series provides wire-rate performance, local switching, with a non-blocking, low-latency architecture. The Cisco Catalyst 2360 Series comes with reversible front-to-back or back-to-front airflow, as well as power and cooling redundancy. It provides these features with extremely low power consumption. The Cisco Catalyst 2360 features a LAN Lite software image intended to meet customer ToR Layer 2 switching requirements.

Cisco Catalyst switching solutions enable greener practices through measurable power efficiency, integrated services, and innovations such as Cisco® EnergyWise, an enterprisewide solution that monitors and conserves energy with customized policies. Together, Cisco EnergyWise technology and Cisco Catalyst switches reduce greenhouse gas (GhG) emissions and increase energy cost savings and sustainable business behavior. The Cisco Catalyst 2360 Series offers both a superior command-line interface (CLI) for detailed configuration tasks and Cisco Network Assistant software, a PC-based tool for quick configuration based on preset templates. In addition, the CiscoWorks LAN Management Solution (LMS) supports the Cisco Catalyst 2360 Series for networkwide management.

Cisco Catalyst 2360 Series switches come with a 1-year limited warranty. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 2360 Series Switches on Cisco's website at the following URL: <http://www.cisco.com/go/2360>

For sales and account support, please contact one of Cisco's local account managers:

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 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>2360 Series 10/100/1000 Switch - Four 10GB SFP+ Uplinks - LAN Lite Software</b>			
WS-C2360-48TD-S	Catalyst 2960S 24 GigE, 4 x SFP LAN Base	8,695.00	6,086.50
CON-SNT-236048TS	SMARTNET 8X5XNBD Catalyst 2360 Top Of Rack 48 GigE, 4 x 1	502.00	502.00
<b>Compatible Optics and Accessories</b>			
<b>10 GB SFP+ Optics</b>			
SFP-10G-LRM=	10GBASE-LRM SFP Module	1,295.00	906.50
SFP-10G-SR=	10GBASE-SR SFP Module	1,495.00	1,046.50
SFP-10G-LR=	10GBASE-LR SFP Module	3,995.00	2,796.50
SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter	150.00	105.00
SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	210.00	147.00
SFP-H10GB-CU5M	10GBASE-CU SFP+ Cable 5 Meter	260.00	182.00
<b>1 GB SFP Optics</b>			
GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
<b>Spare Power Supplies, Fan Trays, Slot Covers</b>			
C2360-PWR-135WAC=	Catalyst 2360 Series Switches FRU Power Supply	400.00	280.00
C2360-FAN=	Catalyst 2360 Series Switches FRU Twin Fan Tray	300.00	210.00
C2360-PWR-COVER=	Catalyst 2360 Series Switches Blank Power Slot Cover	15.00	10.50
<b>Spare Rackmount Kits</b>			
RCKMNT-1RU=	Rack Mount Kit for 1RU for 3750,3560,3550,2900-LRE-XL	75.00	52.50
RCKMNT-REC-1RU=	RECESSED 1RU RACK MOUNT FOR 2960, 2960-S, 3560, and 3750	50.00	35.00
<b>Mode Conditioning Patch Cables</b>			
CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00

**Console Cables**

CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F	30.00	21.00
CAB-CONSOLE-USB	Console Cable 6 ft with USB Type A and mini-B	30.00	21.00

## Cisco IE 3010 Industrial Ethernet Switches

The Cisco® Industrial Ethernet 3010 Series (IE 3010 Series) is a family of fully managed, Layer 2 rack-mountable fixed configuration switches with Small Form-Factor Pluggable (SFP) fiber aggregation and Power over Ethernet (PoE) that bring Cisco's leadership in switching to Industrial Ethernet applications with innovative features, robust security, and superior ease of use. The Cisco IE 3010 Series features industrial design and compliance; tools for easy deployment, management, and replacement; market leading resiliency and availability features; network performance for the most demanding applications; network security based on open standards; and integration of IT and industrial networks.

The Cisco IE 3010 Series is an ideal product for Industrial Ethernet applications, including factory automation, process automation and control, intelligent transportation systems (ITSs), rail transport, and mass transit. The Cisco IE 3010 offers: Design for Industrial Ethernet applications, including extended environmental, shock/vibration, and surge ratings; a complete set of power input options; and fanless convection cooling; Compliance to a wide range of industrial applications covering automation, intelligent transportation, railways, and mass transit markets; Compact 1-RU (rack unit), 19" rack mounting or wall mounting, both front and rear LED panels to allow reverse mounting; Support for fiber aggregation (16 SFP ports) and PoE configurations; Tools and features such as Dynamic Host Configuration Protocol (DHCP) persistence for easy deployment, management, and device replacement; Removable SD flash memory (Swap Drive feature), allowing the user to quickly replace a switch in the field; High availability, deterministic quality of service (QoS) behavior, and reliable security using Cisco IOS® Software; Recommended software configurations for industrial applications preconfigured using Smartport macros; Hardware ready to support IEEE1588v2, a precision timing protocol with nanosecond-level precision for high-performance applications; Loop avoidance protection using standard Spanning Tree Protocol; Improved resiliency with the support of Cisco Resilient Ethernet Protocol (REP) for ring topology and Flex Link, Link State Tracking, and EtherChannel for other topologies; High security using support of port-security, encrypted access (Secure Shell [SSH] Protocol, HTTPS, Simple Network Management Protocol Version 3 [SNMPv3]), and other network protection features.

Cisco IE 3010 Industrial Ethernet Series switches come with a 1-year limited warranty. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco IE3010 Industrial Ethernet Switches on Cisco's website at the following URL: <http://www.cisco.com/go/ie3010>

For sales and account support, please contact one of Cisco's local account managers:

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<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>IE3010 Series 24-Port 10/100/100 Switch - Two Dual-Purpose GE Uplinks (Copper or SFP) - LAN Base Software</b>			
IE-3010-24TC	Rugged Industrial Ethernet switch - 24 10/100	4,895.00	3,426.50
CON-SNT-301024TC	SMARTNET 8X5XNBD IA Rack Mount Switch 24 10/100	283.00	283.00
<b>IE3010 Series 16-Port FE SFP and 8-Port 10/100 PoE - Two Dual-Purpose GE Uplinks (Copper or SFP) - LAN Base Software</b>			
IE-3010-16S-8PC	Rugged Industrial Ethernet switch - 16FE SFP, 8 10/100 PoE	4,695.00	3,286.50
CON-SNT-301016S8	SMARTNET 8X5XNBD IA Rack Mount Switch 16 100 SFP, 8 10/100	271.00	271.00
<b>Compatible Optics and Accessories</b>			
Note: The Cisco IE3010 only supports ruggedized SFP optics as listed below:			
<b>1 GB SFP Optics</b>			
GLC-FE-100FX-RGD=	100Base-FX Multi Mode Rugged SFP	275.00	192.50
GLC-FE-100LX-RGD=	100Mbps Single Mode Rugged SFP	440.00	308.00
GLC-SX-MM-RGD=	1000Mbps Multi-Mode Rugged SFP	550.00	385.00
GLC-LX-SM-RGD=	1000Mbps Single Mode Rugged SFP	1,095.00	766.50
<b>Power Supplies (Primary &amp; Redundant)</b>			
PWR-RGD-AC-DC/IA	IE 3010 Power Supply	700.00	490.00
PWR-RGD-AC-DC/IAR	IE 3010 AC-DC Redundant Power Supply	700.00	490.00
PWR-RGD-LOW-DC/IA	IE 3010 Low DC Power Supply	700.00	490.00
PWR-RGD-LOW-DC/IAR	IE 3010 Low DC Redundant Power Supply	700.00	490.00

**Rackmount Kits and other Accessories**

RM-RGD-19IN=	Spare 19IN rack-mount kit for the CGS 2520	75.00	52.50
RM-RGD-ETSI	ETSI rack-mount kit for Cisco CGS 2520	100.00	70.00
RM-RGD-23IN	23IN NEBS rack-mount kit for the CGS 2520	75.00	52.50
RPS-CG-COVER=	Power Supply Blank for CGR2010 and CGS2520	50.00	35.00
MEM-SD-1GB-RGD=	SD Flash for Cisco CGS2520	400.00	280.00
MEM-SD-COVER-RGD=	SD Flash cover for Cisco CGS2520	25.00	17.50

**Mode Conditioning Patch Cables**

CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00

**Console Cables**

CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F	30.00	21.00
CAB-CONSOLE-USB	Console Cable 6 ft with USB Type A and mini-B	30.00	21.00



## Cisco IE 2000 Industrial Ethernet Switches

The Cisco® Industrial Ethernet 2000 (IE 2000) Series is a range of compact, industrially ruggedized access switches. IE 2000 series provide customers with ease of use, secure access, and industry leading convergence using Cisco Resilient Ethernet Protocol (REP). Multiple industries such as automotive, oil and gas, mining, transportation, and energy companies are all increasingly requiring IP based networks in their production areas. The newest IE 2000 additions have been designed to support access layer connectivity and to meet the increasing needs for security, voice, and video traffic across industrial networks.

Cisco Industrial Ethernet 2000 Series Switches are fixed platforms that deliver Layer 2 switching with proven Cisco IOS software. The switches permit or deny network connectivity based on the identity of device with support for IEEE 802.1X and help secure administrator traffic with encryption through SSH. The IE 2000 can also protect against “man-in-the-middle” attacks (unauthorized message interception) with DHCP snooping, prevent faulty end devices from compromising overall system performance with Storm Control, and help enable transparent integration with support for industry-specific protocols including IEEE 1588, CIP, and PROFINET.

Cisco IE 2000 Industrial Ethernet Series switches come with a 1-year limited warranty. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco IE2000 Industrial Ethernet Switches on Cisco's website at the following URL: <http://www.cisco.com/go/ie2000>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>IE2000 Series - LAN Base Software - SMARTnet 8x5xNBD Maintenance</b>			
IE-2000-4TS-B	IE 4 10/100,2 FE SFP, Base	1,295.00	906.50
CON-SNT-IE20004T	SMARTNET 8x5xNBD IE 4 10/100, 2 FE SFP	104.00	104.00
IE-2000-4T-B	IE 4 10/100,2 FE, Base	1,295.00	906.50
CON-SNT-IE2K4TB	SMARTNET 8X5XNBD IE 4 10/100,2 FE, Base	104.00	104.00
IE-2000-4TS-G-B	IE 4 10/100,2 SFP Gig port, Base	1,395.00	976.50
CON-SNT-IE2K4GB	SMARTNET 8X5XNBD IE 4 10/100,2 SFP Gig port	112.00	112.00
IE-2000-4T-G-B	IE 4 10/100,2 Gig port, Base	1,395.00	976.50
CON-SNT-IE2K4TGB	SMARTNET 8X5XNBD IE 4 10/100,2 Gig port	112.00	112.00
IE-2000-8TC-B	IE 8 10/100,2 FE SFP+2 T/SFP FE, Base	1,695.00	1,186.50
CON-SNT-IE2K8TCB	SMARTNET 8X5XNBD IE 8 10/100,2 FE SFP	136.00	136.00
IE-2000-8TC-G-B	IE 8 10/100,2 T/SFP, Base	1,895.00	1,326.50
CON-SNT-IE2K8TCG	SMARTNET 8X5XNBD IE 8 10/100,2 T/SFP	152.00	152.00
IE-2000-8TC-G-E	IE 8 10/100,2 T/SFP, Base with 1588	2,095.00	1,466.50
CON-SNT-IE20008E	SMARTNET 8X5XNBD IE 8 10/100,2 T/SFP	168.00	168.00
IE-2000-16TC-B	IE 16 10/100,2 FE SFP+2 T/SFP FE, Base	2,695.00	1,886.50
CON-SNT-IE20001B	SMARTNET 8X5XNBD IE 16 10/100,2 FE SF	216.00	216.00
IE-2000-16TC-G-E	IE 16 10/100,2 FE SFP+2 T/SFP, Base with 1588	3,095.00	2,166.50
CON-SNT-IE20001E	SMARTNET 8X5XNBD IE 16 10/100,2 FE SF	248.00	248.00
IE-2000-16TC-G-X	IE 16 10/100,2 FE SFP+2 T/SFP, Base with 1588, Comf. Coat	3,495.00	2,446.50
CON-SNT-IE20001X	SMARTNET 8X5XNBD IE 16 10/100,2 FE SF	280.00	280.00

## IE2000 Series - LAN Lite Software - SMARTnet 8x5xNBD

IE-2000-4TS-L	IE 4 10/100,2 FE SFP, Lite	995.00	696.50
CON-SNT-IES2000E4	SMARTNET 8X5XNBD IE 4 10/100,2 FE SFP	80.00	80.00
IE-2000-4T-L	IE 4 10/100,2 FE, Lite	995.00	696.50
CON-SNT-IE2K4TL	SMARTNET 8X5XNBD IE 4 10/100,2 FE, Lite	80.00	80.00
IE-2000-4TS-G-L	IE 4 10/100,2 SFP Gig port, Lite	1,095.00	766.50
CON-SNT-IE2KTSGL	SMARTNET 8X5XNBD IE 4 10/100,2 SFP Gig	88.00	80.00
IE-2000-4T-G-L	IE 4 10/100,2 Gig port, Lite	1,095.00	766.50
CON-SNT-IE2K4TGL	SMARTNET 8X5XNBD IE 4 10/100,2 Gig port	88.00	88.00
IE-2000-8TC-L	IE 8 10/100,2 FE SFP+2 T/SFP FE, Lite	1,395.00	976.50
CON-SNT-IEL2K8TC	SMARTNET 8X5XNBD IE 8 10/100,2 FE SFP	112.00	112.00
IE-2000-8TC-G-L	IE 8 10/100,2 T/SFP, Lite	1,595.00	1,116.50
CON-SNT-IE2K8TGL	SMARTNET 8X5XNBD IE 8 10/100,2 T/SFP	128.00	128.00
IE-2000-16TC-G-L	IE 16 10/100,2 FE SFP+2 T/SFP, Lite	2,595.00	1,816.50
CON-SNT-IE2000GL	SMARTNET 8X5XNBD IE 16 10/100,2 FE SF	208.00	208.00
IE-2000-16TC-L	IE 16 10/100,2 FE SFP+2 T/SFP FE, Lite	2,395.00	1,676.50
CON-SNT-IE20001L	SMARTNET 8X5XNBD IE 16 10/100,2 FE SF	192.00	192.00

## Compatible Optics and Accessories

Note: The Cisco IE2000 only supports ruggedized SFP optics as listed below:

### 1 GB SFP Optics

GLC-FE-100FX-RGD=	100Base-FX Multi Mode Rugged SFP	275.00	192.50
GLC-FE-100LX-RGD=	100Mbps Single Mode Rugged SFP	440.00	308.00
GLC-SX-MM-RGD=	1000Mbps Multi-Mode Rugged SFP	550.00	385.00
GLC-LX-SM-RGD=	1000Mbps Single Mode Rugged SFP	1,095.00	766.50

### Power Supplies, Memory, Rail Mount Kits

PWR-IE3000-AC=	AC to DC 24V/2.1A DIN Rail power supply	395.00	276.50
PWR-2955-AC	AC to DC 24V/2.5A DIN Rail power supply	400.00	280.00
MEM-SD-1GB-RGD	1GB SD Memory card	400.00	280.00
STK-RACKMNT-2955	19" DIN Rail Mount Kit	125.00	87.50

### Mode Conditioning Patch Cables

CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00

### Console Cables

CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F	30.00	21.00
CAB-CONSOLE-USB	Console Cable 6 ft with USB Type A and mini-B	30.00	21.00

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 Document Version: 20130214  
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 Updated By: Mike Kling  
 Date: February 14, 2013

## Cisco Catalyst 3560 Series

The Cisco® Catalyst® 3560 Series is a line of fixed-configuration, enterprise-class switches that include IEEE 802.3af and Cisco prestandard Power over Ethernet (PoE) functionality in Fast Ethernet and Gigabit Ethernet configurations. The Cisco Catalyst 3560 is an ideal access layer switch for small enterprise LAN access or branch-office environments, combining both 10/100/1000 and PoE configurations for maximum productivity and investment protection while enabling the deployment of new applications such as IP telephony, wireless access, video surveillance, building management systems, and remote video kiosks. Customers can deploy networkwide intelligent services-such as advanced quality of service (QoS), rate limiting, access control lists (ACLs), multicast management, and high-performance IP routing-while maintaining the simplicity of traditional LAN switching.

The Cisco Catalyst 3560 Series switches feature Cisco's Standard Limited Lifetime Warranty. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 3560 Series Switches on Cisco's website at the following URL:  
<http://www.cisco.com/go/3560>

For sales and account support, please contact one of Cisco's local account managers:

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 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>3560 v2 Series 10/100 LAN Switches - Two 1GB SFP Slots</b>			
WS-C3560V2-24TS-S	Catalyst 3560V2 24 10/100 + 2 SFP + IPB (Standard) Image	2,995.00	2,096.50
CON-SNT-V224TSS	SMARTNET 8X5XNBD Catalyst 3560V2 24 10/100 + 2 SFP Standard	217.00	217.00
WS-C3560V2-24TS-E	Catalyst 3560V2 24 10/100 + 2 SFP + IPS (Enhanced) Image	4,990.00	3,493.00
CON-SNT-V224TSE	SMARTNET 8X5XNBD Catalyst 3560V2 24 10/100 + 2 SFP Enh	333.00	333.00
WS-C3560V2-24TS-SD	Catalyst 3560V2 24 10/100 + 2 SFP + IPB Image + DC Power	3,495.00	2,446.50
CON-SNT-V24TSSD	SMARTNET 8X5XNBD Catalyst 3560V2 24 10/100 + 2 SFP Standard	189.00	189.00
<b>3560 v2 Series 10/100 LAN Switches - Four 1GB SFP Slots</b>			
WS-C3560V2-48TS-S	Catalyst 3560V2 48 10/100 + 4 SFP + IPB (Standard) Image	4,995.00	3,496.50
CON-SNT-V248TSS	SMARTNET 8X5XNBD Catalyst 3560V2 48 10/100 + 4 SFP Stand	333.00	333.00
WS-C3560V2-48TS-E	Catalyst 3560V2 48 10/100 + 4 SFP + IPS (Enhanced) Image	6,990.00	4,893.00
CON-SNT-V248TSE	SMARTNET 8X5XNBD Catalyst 3560V2 48 10/100 + 4 SFP Enh	449.00	449.00
<b>3560 v2 Series 10/100 LAN Switches With PoE - Two 1GB SFP Slots</b>			
WS-C3560V2-24PS-S	Catalyst 3560V2 24 10/100 PoE + 2 SFP + IPB (Standard) Image	3,795.00	2,656.50
CON-SNT-V224PSS	SMARTNET 8X5XNBD Catalyst 3560V2 24 10/100 PoE + 2 SFP Stand	264.00	264.00
WS-C3560V2-24PS-E	Catalyst 3560V2 24 10/100 PoE + 2 SFP + IPS (Enhanced) Image	5,790.00	4,053.00
CON-SNT-V224PSE	SMARTNET 8X5XNBD Catalyst 3560V2 24 10/100 PoE + 2 SFP Enh	380.00	380.00
<b>3560 v2 Series 10/100 LAN Switches With PoE - Four 1GB SFP Slots</b>			
WS-C3560V2-48PS-S	Catalyst 3560V2 48 10/100 PoE + 4 SFP + IPB (Standard) Image	6,495.00	4,546.50
CON-SNT-V248PSS	SMARTNET 8X5XNBD Catalyst 3560V2 48 10/100 PoE + 4 SFP Stand	419.00	419.00
WS-C3560V2-48PS-E	Catalyst 3560V2 48 10/100 PoE + 4 SFP + IPS (Enhanced) Image	8,490.00	5,943.00
CON-SNT-V248PSE	SMARTNET 8X5XNBD Catalyst 3560V2 48 10/100 PoE + 4 SFP Enh	535.00	535.00

**3560G Series 10/100/1000 LAN Switches - Four 1GB SFP Slots**

WS-C3560G-24TS-S	Catalyst 3560 24 10/100/1000T + 4 SFP + IPB Image	5,300.00	3,710.00
CON-SNT-3560GTS	SMARTNET 8X5XNBD Cat 3560 24 10/100/1000T + 4 SFP Stand	334.00	334.00
WS-C3560G-48TS-S	Catalyst 3560 48 10/100/1000T + 4 SFP + IPB Image	8,800.00	6,160.00
CON-SNT-356048TS	SMARTNET 8X5XNBD Cat 3560 48 10/100/1000T + 4 SFP Stand	516.00	516.00
WS-C3560G-24TS-E	Catalyst 3560 24 10/100/1000T + 4 SFP + IPS Image	9,700.00	6,790.00
CON-SNT-3560GTE	SMARTNET 8X5XNBD Cat 3560 24 10/100/1000T + 4 SFP Enh	576.00	576.00
WS-C3560G-48TS-E	Catalyst 3560 48 10/100/1000T + 4 SFP + IPS Image	13,200.00	9,240.00
CON-SNT-356048TE	SMARTNET 8X5XNBD Catalyst 3560 48 10/100/1000	756.00	756.00

**3560G Series 10/100/1000 LAN Switches With PoE - Four 1GB SFP Slots**

WS-C3560G-24PS-S	Catalyst 3560 24 10/100/1000T PoE + 4 SFP + IPB Image	6,200.00	4,340.00
CON-SNT-3560GPS	SMARTNET 8X5XNBD Cat 3560 24 10/100/1000T PoE + 4 SFP	389.00	389.00
WS-C3560G-24PS-E	Catalyst 3560 24 10/100/1000T PoE + 4 SFP + IPS Image	10,600.00	7,420.00
CON-SNT-3560GPE	SMARTNET 8X5XNBD Catalyst 3560 24 10/100/1000 PoE	629.00	629.00
WS-C3560G-48PS-S	Catalyst 3560 48 10/100/1000T PoE + 4 SFP + IPB Image	10,500.00	7,350.00
CON-SNT-3560G48S	SMARTNET 8X5XNBD Cat 3560 48 10/100/1000T PoE + 4 SFP	613.00	613.00
WS-C3560G-48PS-E	Catalyst 3560 48 10/100/1000T PoE + 4 SFP + IPS Image	14,900.00	10,430.00
CON-SNT-3560G48E	SMARTNET 8X5XNBD Catalyst 3560 48 10/100/1000 PoE	850.00	850.00

**3560 Series 10/100 LAN Switches - Two 1GB SFP Slots (3560 v2 above recommended)**

WS-C3560-24TS-S	Catalyst 3560 24 10/100 + 2 SFP IPB Image	2,995.00	2,096.50
CON-SNT-356024TS	SMARTNET 8X5XNBD Catalyst 3560 24 10/100	217.00	217.00
WS-C3560-24TS-E	Catalyst 3560 24 10/100 + 2 SFP + IPS Image	4,990.00	3,493.00
CON-SNT-356024TE	SMARTNET 8X5XNBD Cat 3560 24 10/100 + 2 SFP Enhanced	333.00	333.00

**3560 Series 10/100 LAN Switches - Four 1GB SFP Slots (3560 v2 above recommended)**

WS-C3560-48TS-S	Catalyst 3560 48 10/100 + 4 SFP IPB Image	4,995.00	3,496.50
CON-SNT-C356048S	SMARTNET 8X5XNBD Cat 3560 48 10/100 + 4 SFP Standard	333.00	333.00
WS-C3560-48TS-E	Catalyst 3560 48 10/100 + 4 SFP IPS Image	6,990.00	4,893.00
CON-SNT-C356048E	SMARTNET 8X5XNBD Cat 3560 48 10/100 + 4 SFP Enhanced	449.00	449.00

**3560 Series 10/100 LAN Switches with PoE (3560 v2 above recommended)**

WS-C3560-24PS-S	Catalyst 3560 24 10/100 PoE + 2 SFP + IPB Image	3,795.00	2,656.50
CON-SNT-356024PS	SMARTNET 8X5XNBD Catalyst 3560 24 10/100 PoE	264.00	264.00
WS-C3560-24PS-E	Catalyst 3560 24 10/100 PoE + 2 SFP + IPS Image	5,790.00	4,053.00
CON-SNT-356024PE	SMARTNET 8X5XNBD Catalyst 3560 24 10/100 PoE	380.00	380.00
WS-C3560-48PS-S	Catalyst 3560 48 10/100 PoE + 4 SFP IPB Image	6,495.00	4,546.50
CON-SNT-356048PS	SMARTNET 8X5XNBD Catalyst 3560 48 10/100 PoE	419.00	419.00
WS-C3560-48PS-E	Catalyst 3560 48 10/100 PoE + 4 SFP IPS Image	8,490.00	5,943.00
CON-SNT-356048PE	SMARTNET 8X5XNBD Catalyst 3560 48 10/100 PoE	535.00	535.00

**3560 Series Compact 10/100 LAN Switches With PoE**

WS-C3560-8PC-S	Catalyst 3560 8 10/100 PoE + 1 T/SFP + IPB Image	1,395.00	976.50
CON-SNT-WSC3568	SMARTNET 8X5XNBD Catalyst 3560 8 10/100 PoE	81.00	81.00
WS-C3560-12PC-S	Catalyst 3560 Compact 12 10/100 PoE + 1 T/SFP; IP Base Image	1,995.00	1,396.50
CON-SNT-WSC12PCS	SMARTNET 8X5XNBD 12 10/100 PoE ports Compact Switch	110.00	110.00

## Enhanced Software Upgrades, Compatible Optics and Accessories

### Enhanced Software Upgrades

CD-3560-EMI=	IP Services (EMI) upgrade for 3560 10/100 models	1,995.00	1,396.50
CD-3560G-EMI=	IP Services (EMI) upgrade for 3560 GE models	3,995.00	2,796.50

### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP *	395.00	276.50
GLC-GE-100FX=	100BASE-FX SFP for GE SFP port on 3750,3560.2970,2960 ~	250.00	175.00
GLC-FE-100FX=	100BASE-FX SFP for FE port +	250.00	175.00

\* GLC-T= is not supported on 3560-8PC

~ GLC-GE-100FX= is not supported on 3560-8PC and 3560-12PC

+ GLC-FE-100FX= is only supported on 3560-8PC and 3560-12PC

### 3560 Interconnect SFP Cable

CAB-SFP-50CM=	Catalyst 3560 SFP Interconnect Cable, 50cm	250.00	175.00
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### Spare Rackmount Kits

RCKMNT-1RU=	Rack Mount Kit for 1RU for 3750,3560,3550,2900-LRE-XL	75.00	52.50
RCKMNT-REC-1RU=	RECESSED 1RU RACK MOUNT FOR 2960, 2960-S, 3560, and 3750	50.00	35.00
RCKMNT-19-CMPCT=	19in RackMount for Catalyst 3560,2960,ME-3400 Compact Switch	75.00	52.50

### Mode Conditioning Patch Cables

CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00
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## Cisco Catalyst 2960-C and 3560-C Compact Switches

The Cisco® Catalyst® 3560-C and 2960-C Series Compact Switches are small form-factor Fast Ethernet and Gigabit Ethernet switches designed for deployments outside the wiring closet. Enterprise and commercial customers can deliver advanced security services, unified communications, wireless, IP video cameras, and other applications for the office workspace, micro branch office, classroom, cruise ship, and other wiring-constrained environments.

Cisco Catalyst 3560-C and 2960-C Series highlights include PoE pass-through, an innovative feature and industry first for passing power from the compact switch to end devices, Media Access Control Security (MACsec) hardware-based encryption, Power over Ethernet Plus (PoE+) up to 30 W per port, USB and Console port for file backup, distribution, and simplified operations, fanless for silent operation, and Enhanced limited lifetime hardware warranty (E-LLW) with next business day (NBD) advance hardware replacement and 90 day access to Cisco Technical Assistance Center (TAC) support.

Together, Cisco EnergyWise technology and Cisco Catalyst Compact switches enable greenhouse gas (GhG) emissions reduction, increased energy cost savings, and sustainable business behavior.

The Cisco Catalyst 2960-C and 3560-C compact switches feature Cisco's Enhanced Limited Lifetime Warranty. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 3560 Series Switches on Cisco's website at the following URL: <http://tinyurl.com/cisco-compact2k3k>

For sales and account support, please contact one of Cisco's local account managers:

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 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>2960-C Compact Switches</b>			
WS-C2960CPD-8TT-L	Catalyst 2960C PD Switch 8 FE, 2 x 1G, LAN Base	795.00	556.50
CON-SNT-WSC2960D	SMARTNET 8X5XNBD Catalyst 2960C PD Switch 8 FE, 2 x 1G1	52.00	52.00
WS-C2960CPD-8PT-L	Catalyst 2960C PD PSE Switch 8 FE PoE, 2 x 1G, LAN Base	945.00	661.50
CON-SNT-WSC2960C	SMARTNET 8X5XNBD Catalyst 2960C PD PSE Switch 8 FE PoE	52.00	52.00
WS-C2960CG-8TC-L	Catalyst 2960C Switch 8 GE, 2 x Dual Uplink, LAN Base	1,095.00	766.50
CON-SNT-WSC2960G	8X5XNBD Catalyst 2960C Switch 8 GE, 1 x Dual	52.00	52.00
WS-C2960C-8TC-L	Catalyst 2960C Switch 8 FE, 2 x Dual Uplink, Lan Base	795.00	556.50
CON-SNT-C296C8TC	SMARTNET 8X5XNBD Catalyst 2960C Switch 8 FE, 2 x Dual Uplinks	52.00	52.00
WS-C2960C-12PC-L	Catalyst 2960C Switch 12 FE PoE, 2 x Dual Uplink, Lan Base	1,195.00	836.50
CON-SNT-C296012P	SMARTNET 8X5XNBD Catalyst 2960C Switch 12 FE PoE, 2 x Dual	52.00	52.00
WS-C2960C-8PC-L	Catalyst 2960C Switch 8 FE PoE, 2 x Dual Uplink, Lan Base	1,045.00	731.50
CON-SNT-C296C8PC	SMARTNET 8X5XNBD Catalyst 2960C Switch 8 FE PoE, 2 x Dual	52.00	52.00
WS-C2960C-8TC-S	Catalyst 2960C Switch 8 FE, 2 x Dual Uplink, Lan Lite	595.00	416.50
CON-SNT-C2960C8T	SMARTNET 8X5XNBD Catalyst 2960C Switch 8 FE, 2 x Dual Uplinks	52.00	52.00

### 3560-C Compact Switches

WS-C3560CG-8TC-S	Catalyst 3560C Switch 8 GE, 2 x Dual Uplink, IP Base	1,495.00	1,046.50
CON-SNT-WSC356CC	SMARTNET 8X5XNBD Catalyst 3560C Switch 8 GE	111.00	111.00
WS-C3560CG-8PC-S	Catalyst 3560C Switch 8 GE PoE(+), 2 x Dual Uplink, IP Base	1,795.00	1,256.50
CON-SNT-WSC3560C	SMARTNET 8X5XNBD Catalyst 3560C Switch 8 GE PoE, 2 x Dual	111.00	111.00
WS-C3560CPD-8PT-S	Catalyst 3560C PD PSE Switch 8 GE PoE 2 x 1G, IP Base	1,695.00	1,186.50
CON-SNT-WSC360C1	SMARTNET 8X5XNBD Catalyst 3560C Switch 8 GE PoE, 2 x Dual	111.00	111.00
WS-C3560C-12PC-S	Catalyst 3560C Switch 12 FE PoE, 2 x Dual Uplink, IP Base	1,745.00	1,221.50
CON-SNT-C356C12P	SMARTNET 8X5XNBD Catalyst 3560C Switch 12 FE PoE, 2 x Dual	111.00	111.00
WS-C3560C-8PC-S	Catalyst 3560C Switch 8 FE PoE, 2 x Dual Uplink, IP Base	1,395.00	976.50
CON-SNT-C356608P	SMARTNET 8X5XNBD Catalyst 3560C Switch 8 FE PoE, 2 x Dual	111.00	111.00

### Auxiliary Power Adapter (in lieu of PoE to power 2960CPD-8TT-L or 2960CPD-8TT-L)

PWR-ADPT	Power adapter for compact switches	100.00	70.00
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### Power Cables (spare)

CAB-AC=	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	50.00	35.00
CAB-AC-RA=	Power Cord,110V, Right Angle	50.00	35.00
CAB-L620P-C13-US=	Power Cord, 250VAC, 15A, NEMA L6-20 to C13, US	50.00	35.00
CMP-MGNT-TRAY	Magnet and mounting tray for 3560-C and 2960-C Compact Switches	40.00	28.00
CMP-CBLE-GRD	Cable Guard For The 3560-C and 2960-C Compact Switches	40.00	28.00

### SFP Optics

#### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-FE-100FX=	100BASE-FX SFP for FE port	250.00	175.00
GLC-FE-100LX=	100BASE-LX SFP for FE port	400.00	280.00
GLC-FE-100BX-D=	100BASE-BX10-D SFP	450.00	315.00
GLC-FE-100BX-U=	100BASE-BX10-U SFP	450.00	315.00

## Cisco Catalyst 3750 Series

The Cisco® Catalyst® 3750 Series is an innovative line of multilayer Fast Ethernet and Gigabit Ethernet switches featuring Cisco StackWise™ technology that allows customers to build a unified, highly resilient switching system - one switch at a time. For midsized organizations and enterprise branch offices, the Cisco Catalyst 3750 Series eases deployment of converged applications and adapts to changing business needs by providing configuration flexibility, support for converged network patterns, and automation of intelligent network services configurations. In addition, the Cisco Catalyst 3750 Series is optimized for high-density Gigabit Ethernet deployments and includes a diverse range of switches that meet access, aggregation, or small-network backbone-connectivity requirements.

The Cisco Catalyst 3750 Series switches feature Cisco's Standard Limited Lifetime Warranty. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 3750 Series Switches on Cisco's website at the following URL:  
<http://www.cisco.com/go/3750>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>3750 v2 Series 10/100 LAN Switches - Two 1GB SFP Slots</b>			
WS-C3750V2-24TS-S	Catalyst 3750V2 24 10/100 + 2 SFP Standard Image	3,995.00	2,796.50
CON-SNT-37502TSS	SMARTNET 8X5XNBD Catalyst 3750V2 24 10/100 + 2 Stand	336.00	336.00
WS-C3750V2-24TS-E	Catalyst 3750V2 24 10/100 + 2 SFP Enhanced Image	5,990.00	4,193.00
CON-SNT-37524TSE	SMARTNET 8X5XNBD Catalyst 3750V2 24 10/100 + 2 Enh	503.00	503.00
<b>3750 v2 Series 10/100 LAN Switches - Four 1GB SFP Slots</b>			
WS-C3750V2-48TS-S	Catalyst 3750V2 48 10/100 + 4 SFP Standard Image	6,995.00	4,896.50
CON-SNT-375V48TS	SMARTNET 8X5XNBD Catalyst 3750V2 48 10/100 + 4 Stand	504.00	504.00
WS-C3750V2-48TS-E	Catalyst 3750V2 48 10/100 + 4 SFP Enhanced Image	8,990.00	6,293.00
CON-SNT-37548TSE	SMARTNET 8X5XNBD Catalyst 3750V2 48 10/100 + 4 Enh	671.00	671.00
<b>3750 v2 Series 10/100 LAN Switches With PoE - Two 1GB SFP Slots</b>			
WS-C3750V2-24PS-S	Catalyst 3750V2 24 10/100 PoE + 2 SFP Standard Image	4,795.00	3,356.50
CON-SNT-37524PSS	SMARTNET 8X5XNBD Catalyst 3750V2 24 10/100 PoE + 2 Stand	336.00	336.00
WS-C3750V2-24PS-E	Catalyst 3750V2 24 10/100 PoE + 2 SFP Enhanced Image	6,790.00	4,753.00
CON-SNT-3750V224	SMARTNET 8X5XNBD Catalyst 3750V2 24 10/100 PoE +2 Enh	503.00	503.00
<b>3750 v2 Series 10/100 LAN Switches With PoE - Four 1GB SFP Slots</b>			
WS-C3750V2-48PS-S	Catalyst 3750V2 48 10/100 PoE + 4 SFP Standard Image	8,495.00	5,946.50
CON-SNT-375V48PS	SMARTNET 8X5XNBD Catalyst 3750V2 48 10/100 PoE + 4 Stand	504.00	504.00
WS-C3750V2-48PS-E	Catalyst 3750V2 48 10/100 PoE + 4 SFP Enhanced Image	10,490.00	7,343.00
CON-SNT-37548PSE	SMARTNET 8X5XNBD Catalyst 3750V2 48 10/100 PoE + 4 Enh	671.00	671.00
<b>3750G Series 10/100/1000 LAN Switches</b>			
WS-C3750G-24T-S	Catalyst 3750 24 10/100/1000T + IPB Image	6,600.00	4,620.00
CON-SNT-3750G24TS	SMARTNET 8X5XNBD Cat 3750 24 Stndrd Multilayer Image	504.00	504.00
WS-C3750G-24T-E	Catalyst 3750 24 10/100/1000T + IPS Image	11,000.00	7,700.00
CON-SNT-3750G24TE	SMARTNET 8X5XNBD Cat 3750 24 Enhanced Multilayer Image	839.00	839.00



**3750G Series 10/100/1000 LAN Switches - Four 1GB SFP Slots**

WS-C3750G-24TS-S1U	Catalyst 3750 24 10/100/1000 + 4 SFP + IPB Image; 1RU	7,700.00	5,390.00
CON-SNT-3750GS1U	SMARTNET 8X5XNBD Cat 3750 24 10/100/1000T + 4 SFP Stand	588.00	588.00
WS-C3750G-24TS-E1U	Catalyst 3750 24 10/100/1000 + 4 SFP + IPS Image; 1RU	12,100.00	8,470.00
CON-SNT-3750GE1U	SMARTNET 8X5XNBD Cat 3750 24 10/100/1000T + 4 SFP Enh	923.00	923.00
WS-C3750G-48TS-S	Catalyst 3750 48 10/100/1000T + 4 SFP + IPB Image	15,400.00	10,780.00
CON-SNT-3750G48T	SMARTNET 8X5XNBD Cat 3750 48 10/100/1000T + 4 SFP Stand	1,007.00	1,007.00
WS-C3750G-48TS-E	Catalyst 3750 48 10/100/1000T + 4 SFP + IPS Image	24,200.00	16,940.00
CON-SNT-3750GTE	SMARTNET 8X5XNBD Cat 3750 48 10/100/1000T + 4 SFP Enh	1,503.00	1,503.00

**3750G Series 10/100/1000 LAN Switches With PoE - Four 1GB SFP Slots**

WS-C3750G-24PS-S	Catalyst 3750 24 10/100/1000T PoE + 4 SFP + IPB Image	8,600.00	6,020.00
CON-SNT-3750G24P	SMARTNET 8X5XNBD Cat 3750 24 10/100/1000T PoE + 4 Stand	545.00	545.00
WS-C3750G-24PS-E	Catalyst 3750 24 10/100/1000T PoE + 4 SFP + IPS Image	13,000.00	9,100.00
CON-SNT-3750G24E	SMARTNET 8X5XNBD Catalyst 3750 24 10/100/1000T PoE + 4 Enh	874.00	874.00
WS-C3750G-48PS-S	Catalyst 3750 48 10/100/1000T PoE + 4 SFP + IPB Image	17,100.00	11,970.00
CON-SNT-3750G48P	SMARTNET 8X5XNBD Cat 3750 48 10/100/1000T PoE + 4 Stand	919.00	919.00
WS-C3750G-48PS-E	Catalyst 3750 48 10/100/1000T PoE + 4 SFP + IPS Image	25,900.00	18,130.00
CON-SNT-3750GPE	SMARTNET 8X5XNBD Cat 3750 48 10/100/1000T PoE + 4 SFP Enh	1,642.00	1,642.00

**3750G Series LAN Switches for Fiber Aggregation**

WS-C3750G-12S-S	Catalyst 3750 12 SFP + IPB Image	8,800.00	6,160.00
CON-SNT-3750G12S	SMARTNET 8X5XNBD Cat 3750 12 SFP Std Multilayer Image	672.00	672.00
WS-C3750G-12S-E	Catalyst 3750 12 SFP + IPS Image	13,200.00	9,240.00
CON-SNT-3750G12E	SMARTNET 8X5XNBD Cat 3750 12 SFP Enhanced Multilayer Img	1,007.00	1,007.00
WS-C3750G-12S-SD	Catalyst 3750 12 SFP <i>DC powered</i> + IPB Image	9,900.00	6,930.00
CON-SNT-3750G12D	SMARTNET 8X5XNBD Catalyst 3750 12 SFP DC pwrdr	672.00	672.00

**3750 Series 10/100 LAN Switches - Two 1GB SFP Slots (3750 v2 above recommended)**

WS-C3750-24TS-S	Catalyst 3750 24 10/100 + 2 SFP + IPB Image	3,995.00	2,796.50
CON-SNT-375024TS	SMARTNET 8X5XNBD Cat 3750 24 SFP Stnrd Multilayer Image	336.00	336.00
WS-C3750-24TS-E	Catalyst 3750 24 10/100 + 2 SFP + IPS Image	5,990.00	4,193.00
CON-SNT-375024TE	SMARTNET 8X5XNBD Cat 3750 24 Enhanced Multilayer Image	503.00	503.00

**3750 Series 10/100 LAN Switches - Four 1GB SFP Slots (3750 v2 above recommended)**

WS-C3750-48TS-S	Catalyst 3750 48 10/100 + 4 SFP + IPB Image	6,995.00	4,896.50
CON-SNT-375048TS	SMARTNET 8X5XNBD Cat 3750 48 SFP Stnrd Multilayer Image	504.00	504.00
WS-C3750-48TS-E	Catalyst 3750 48 10/100 + 4 SFP + IPS Image	8,990.00	6,293.00
CON-SNT-375048TE	SMARTNET 8X5XNBD Cat 3750 48 SFP Enhanced Multilayer	671.00	671.00

**3750 Series 10/100 LAN Switches With PoE - Four 1GB SFP Slots (3750 v2 above recommended)**

WS-C3750-24PS-S	Catalyst 3750 24 10/100 PoE + 2 SFP + IPB Image	4,795.00	3,356.50
CON-SNT-375024PS	SMARTNET 8X5XNBD Catalyst 3750 24 10/100 PoE + 2 Stand	336.00	336.00
WS-C3750-24PS-E	Catalyst 3750 24 10/100 PoE + 2 SFP + IPS Image	6,790.00	4,753.00
CON-SNT-375024PE	SMARTNET 8X5XNBD Catalyst 3750 24 10/100 PoE + 2 Enh	503.00	503.00
WS-C3750-48PS-S	Catalyst 3750 48 10/100 PoE + 4 SFP + IPB Image	8,495.00	5,946.50
CON-SNT-375048PS	SMARTNET 8X5XNBD Catalyst 3750 48 10/100 PoE + 4 Stand	504.00	504.00
WS-C3750-48PS-E	Catalyst 3750 48 10/100 PoE + 4 SFP + IPS Image	10,490.00	7,343.00
CON-SNT-375048PE	SMARTNET 8X5XNBD Catalyst 3750 48 10/100 PoE + 4 Enh	671.00	671.00

## Enhanced Software Upgrades, Compatible Optics and Accessories

### Enhanced Software Upgrades

CD-3750-EMI=	Enhanced Multilayer Image upgrade for 3750 FE models	1,995.00	1,396.50
CD-3750G-EMI=	Enhanced Multilayer Image upgrade for 24-port 3750 GE models	3,995.00	2,796.50
CD-3750G-48EMI=	Enhanced Multilayer Image upgrade for 48-port 3750 GE models	7,995.00	5,596.50

### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
GLC-GE-100FX=	100BASE-FX SFP for GE SFP port on 3750,3560.2970,2960	250.00	175.00

### Stackwise Stacking Cables

CAB-STACK-50CM=	Cisco StackWise 50CM Stacking Cable	100.00	70.00
CAB-STACK-1M=	Cisco StackWise 1M Stacking Cable	200.00	140.00
CAB-STACK-3M=	Cisco StackWise 3M Stacking Cable	300.00	210.00
CAB-STACK-50CM-NH=	Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable	150.00	105.00
CAB-STACK-1M-NH=	Cisco StackWise 1M Non-Halogen Lead Free Stacking Cable	250.00	175.00

### Spare Rackmount Kits

RCKMNT-1RU=	Rack Mount Kit for 1RU for 3750,3560,3550,2900-LRE-XL	75.00	52.50
RCKMNT-REC-1RU=	RECESSED 1RU RACK MOUNT FOR 2960, 2960-S, 3560, and 3750	50.00	35.00
RCKMNT-REC-1.5RU=	RECESSED 1.5RU RACK MOUNT FOR 3550,3750	50.00	35.00

### Mode Conditioning Patch Cables

CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00
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MS IT Hardware EPL 3658 - Switches  
 Document Version: 20130214  
 Replaced Document Version: 20121119  
 Updated By: Mike Kling  
 Date: February 14, 2013

## Cisco Catalyst 3560-E Series

Cisco® Catalyst® 3560-E Series is an enterprise-class line of standalone access and aggregation switches that facilitate the deployment of secure converged applications while maximizing investment protection for evolving network and application requirements. Combining 10/100/1000 and Power over Ethernet (PoE) configurations with 10 Gigabit Ethernet uplinks, the Cisco Catalyst 3560-E Series access switches enhance worker productivity by enabling applications such as IP telephony, wireless, and video. Cisco Catalyst 3560-E Series aggregation switches deliver secure nonstop unified network services and versatile connectivity in a one rack-unit (1-RU) form factor for space and power constrained environments, enabling businesses to reduce total cost of ownership while maximizing investment protection.

The Cisco Catalyst 3560-E Series switches feature Cisco's Standard Limited Lifetime Warranty. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 3560-E Series Switches on Cisco's website at the following URL: <http://www.cisco.com/go/3560e>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>3560-E Series 10/100/1000 LAN Switches - Two 10GB X2 Slots</b>			
WS-C3560E-24TD-S CON-SNT-3560E2TS	Catalyst 3560E 24 10/100/1000+2*10GE(X2),265W,IPB s/w SMARTNET 8X5XNBD WS-C3560E-24TD-S	6,600.00 480.00	4,620.00 480.00
WS-C3560E-24TD-E CON-SNT-3560E2TE	Catalyst 3560E 24 10/100/1000+2*10GE(X2),265W,IPS s/w SMARTNET 8X5XNBD WS-C3560E-24TD-E	11,000.00 799.00	7,700.00 799.00
WS-C3560E-48TD-S CON-SNT-3560E4TS	Catalyst 3560E 48 10/100/1000+2*10GE(X2),265W,IPB s/w SMARTNET 8X5XNBD WS-C3560E-48TD-S	13,200.00 960.00	9,240.00 960.00
WS-C3560E-48TD-E CON-SNT-3560E4TE	Catalyst 3560E 48 10/100/1000+2*10GE(X2),265W,IPS s/w SMARTNET 8X5XNBD WS-C3560E-48TD-E	17,600.00 1,279.00	12,320.00 1,279.00
<b>3560-E Series 10/100/1000 LAN Switches with 750W PoE - Two 10GB X2 Slots</b>			
WS-C3560E-24PD-S CON-SNT-3560E2PS	Catalyst 3560E 24 10/100/1000 PoE+2*10GE(X2),750W,IPB s/w SMARTNET 8X5XNBD WS-C3560E-24PD-S	7,500.00 544.00	5,250.00 544.00
WS-C3560E-24PD-E CON-SNT-3560E2PE	Catalyst 3560E 24 10/100/1000 PoE+2*10GE(X2),750W,IPS s/w SMARTNET 8X5XNBD WS-C3560E-24PD-E	11,900.00 863.00	8,330.00 863.00
WS-C3560E-48PD-S CON-SNT-3560E4PS	Catalyst 3560E 48 10/100/1000 PoE+2*10GE(X2),750W,IPB s/w SMARTNET 8X5XNBD WS-C3560E-48PD-S	14,900.00 1,080.00	10,430.00 1,080.00
WS-C3560E-48PD-E CON-SNT-3560E4PE	Catalyst 3560E 48 10/100/1000 PoE+2*10GE(X2),750W,IPS s/w SMARTNET 8X5XNBD WS-C3560E-48PD-E	19,300.00 1,399.00	13,510.00 1,399.00
<b>3560-E Series 10/100/1000 LAN Switches with 1150W PoE - Two 10GB X2 Slots</b>			
WS-C3560E-48PD-SF CON-SNT-3560E4PT	Catalyst 3560E 48 10/100/1000 PoE+2*10GE(X2),1150W,IPB s/w SMARTNET 8X5XNBD WS-C3560E-48PD-SF	16,500.00 1,200.00	11,550.00 1,200.00
WS-C3560E-48PD-EF CON-SNT-3560E4PF	Catalyst 3560E 48 10/100/1000 PoE+2*10GE(X2),1150W,IPS s/w SMARTNET 8X5XNBD WS-C3560E-48PD-EF	20,900.00 1,519.00	14,630.00 1,519.00

### 3560-E Series LAN Switches for Fiber Aggregation

WS-C3560E-12SD-S	Catalyst 3560E 12 SFP+2*10GE(X2),IPB s/w	17,600.00	12,320.00
CON-SNT-60E12SDS	SMARTNET 8X5XNBD C3560E 12 10/100/1K SFP 2 10GE 1PB SW	1,280.00	1,280.00
WS-C3560E-12SD-E	Catalyst 3560E 12 SFP+2*10GE(X2),IPS s/w	22,000.00	15,400.00
CON-SNT-60E12SDE	SMARTNET 8X5XNBD C3560E 12 10/100/1K SFP 2 10GE IPS SW	1,600.00	1,600.00
WS-C3560E-12D-S	Catalyst 3560E 12 Ten GE (X2) ports, IPB software	20,000.00	14,000.00
CON-SNT-C3560ES	SMARTNET 8X5XNBD Catalyst 3560E 12 Ten GE (X2) ports, IPB	1,600.00	1,600.00
WS-C3560E-12D-E	Catalyst 3560E 12 Ten GE (X2) ports, IPS software	32,000.00	22,400.00
CON-SNT-C3560EE	SMARTNET 8X5XNBD Catalyst 3560E 12 Ten GE (X2) ports, IPS	2,560.00	2,560.00

### 3560-E Series 10/100/1000 LAN Switches / DC Powered

WS-C3560E-24TD-SD	Catalyst 3560E 24 10/100/1000 + 2*10GE(X2),265W DC, IPB s/w	6,600.00	4,620.00
CON-SNT-WSC356ES	SMARTNET 8X5XNBD Catalyst 3560E 24 10/100/1000 + 2 Stand	480.00	480.00
WS-C3560E-48TD-SD	Catalyst 3560E 48 10/100/1000 + 2*10GE(X2),265W DC, IPB s/w	13,200.00	9,240.00
CON-SNT-WSC356E	SMARTNET 8X5XNBD Catalyst 3560E 48 10/100/1000 + 2 Stand	960.00	960.00

### Product Activation Keys, Compatible Optics and Accessories

#### Product Activation Keys for IP Services Upgrade

3560E-LIC=	Product Activation Key for 3560 E	0.00	0.00
3560E-IPB-LIC-QTY	IP Base for 3560 E (the default license)	0.00	0.00
3560E-IPSLCB-QTY	IP Services for 3560 E, upgrade from the IP Base Feature Set	4,400.00	3,080.00
3560E-12D-LIC=	Product Activation Keys for 3560E-12D	0.00	0.00
3560E12D-SLB-QTY	IP Services for 3560E-12D, upgrade from IP Base	12,000.00	8,400.00
3560E-12SD-LIC2=	Product Activation Key for Catalyst 3560E-12SD	0.00	0.00
3560E12SD-SLB-QTY	IP Services for 3560E-12SD, upgrade from IPB	4,400.00	3,080.00
L-3560E-LIC=	E-Delivery SKU for 3560E PAKs	0.00	0.00
L-3560E-IPSLCB-QTY	E-Delivery, IPS for Catalyst 3560E, Upgrade from IP Base	4,400.00	3,080.00
L-3560E-12D-LIC=	E-Delivery Product Activation Keys for 3560E-12D	0.00	0.00
L-3560E12D-SLB-QTY	E-Delivery IP Svcs for 3560E-12D, upgrade from IP base	12,000.00	8,400.00
L-3560E-12SD-LIC2=	E-Delivery Product Activation Key for 3560E-12SD	0.00	0.00
L-3560E12SD-SLB-QT	E-Delivery IP Services for 3560E-12SD, upgrade from IPB	4,400.00	3,080.00

#### 10 GB X2 Optics

X2-10GB-CX4=	10GBASE-CX4 X2 Module	600.00	420.00
X2-10GB-LRM=	10GBASE-LRM X2 Module	1,495.00	1,046.50
X2-10GB-SR=	10GBASE-SR X2 Module	1,995.00	1,396.50
X2-10GB-LX4=	10GBASE-LX4 X2 Module	2,995.00	2,096.50
X2-10GB-LR=	10GBASE-LR X2 Module	4,000.00	2,800.00
X2-10GB-ER=	10GBASE-ER X2 Module	10,000.00	7,000.00

#### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
GLC-GE-100FX=	100BASE-FX SFP for GE SFP port on 3750,3560.2970,2960	250.00	175.00

#### Spare Power Supplies

C3K-PWR-265WAC=	Catalyst 3750-E / 3560-E 265WAC power supply spare	495.00	346.50
C3K-PWR-265WDC=	Catalyst 3750-E / 3560-E 265WDC power supply spare	495.00	346.50
C3K-PWR-750WAC=	Catalyst 3750-E/3560-E/RPS 2300 750WAC power supply spare	995.00	696.50
C3K-PWR-1150WAC=	Catalyst 3750-E/3560-E/RPS 2300 1150WAC power supply spare	1,495.00	1,046.50
C3K-PWR-300WAC=	Catalyst 3560E-12D and 3560E-12SD 300WAC power supply spare	500.00	350.00
C3K-PWR-300WDC=	Catalyst 3560E-12D 300WDC power supply spare	800.00	560.00

#### Spare Fan Module

C3K-BLWR-60CFM=	Fan Module for the Catalyst 3750-E and 3560-E Series	295.00	206.50
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#### TwinGig Converter Module

CVR-X2-SFP=	Cisco TwinGig Converter Module	195.00	136.50
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#### 3560 Interconnect SFP Cable

CAB-SFP-50CM=	Catalyst 3560 SFP Interconnect Cable, 50cm	250.00	175.00
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**Spare Rackmount Kits**

RCKMNT-E-1RU=	Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	75.00	52.50
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**Mode Conditioning Patch Cables**

CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00

**10 Meter Single and Multimode Jumper Cables**

CSS5-CABLX-LCSC=	10-Meter Fiber Single Mode LX LC-to-SC Connectors	445.00	311.50
CSS5-CABSX-LC=	10-Meter Fiber Multimode SX LC Connectors	395.00	276.50
CSS5-CABSX-LCSC=	10-Meter Fiber Multimode SX LC-to-SC Connectors	395.00	276.50

**Spare Power Cables**

CAB-AC=	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	50.00	35.00
CAB-16AWG-AC=	AC Power cord, 16AWG	100.00	70.00
CAB-L620P-C13-US=	Power Cord, 250VAC, 15A, NEMA L6-20 to C13, US	50.00	35.00

**Redundant Power System 2300**

PWR-RPS2300=	RPS 2300 chassis spare	1,200.00	840.00
CAB-RPS2300-E=	Spare RPS Cable RPS 2300 Cat 3750E/3560E Switches	150.00	105.00
CAB-RPS2300=	Spare RPS Cable for Cisco Redundant Power System 2300	150.00	105.00

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 Updated By: Mike Kling  
 Date: February 14, 2013

## Cisco Catalyst 3750-E Series

The Cisco® Catalyst® 3750-E Series Switches with StackWise Plus is an enterprise-class line of stackable wiring closet switches that facilitates the deployment of secure converged applications while maximizing investment protection for evolving network and application requirements. Combining 10/100/1000 and Power over Ethernet (PoE) configurations with 10 Gigabit Ethernet uplinks, the Cisco Catalyst 3750-E enhances worker productivity by enabling applications such as IP telephony, wireless, and video. The Cisco Catalyst 3750-E Series stacks up to nine switches as a single logical unit for a total of 468 Ethernet 10/100/1000 ports, 432 PoE 10/100/1000 ports, or 18 10 Gigabit Ethernet ports. Individual 10/100/1000 units can be joined in any combination to evolve with network needs.

The Cisco Catalyst 3750-E Series switches feature Cisco's Standard Limited Lifetime Warranty. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 3750-E Series Switches on Cisco's website at the following URL: <http://www.cisco.com/go/3750e>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>3750-E Series 10/100/1000 LAN Switches - Two 10 GB X2 Slots</b>			
WS-C3750E-24TD-S CON-SNT-3750E2TS	Catalyst 3750E 24 10/100/1000+2*10GE(X2),265W,IPB s/w SMARTNET 8X5XNBD WS-C3750E-24TD-S	10,500.00 760.00	7,350.00 760.00
WS-C3750E-24TD-E CON-SNT-3750E2TE	Catalyst 3750E 24 10/100/1000+2*10GE(X2),265W,IPS s/w SMARTNET 8X5XNBD WS-C3750E-24TD-E	14,900.00 1,079.00	10,430.00 1,079.00
WS-C3750E-48TD-S CON-SNT-3750E4TS	Catalyst 3750E 48 10/100/1000+2*10GE(X2),265W,IPB s/w SMARTNET 8X5XNBD WS-C3750E-48TD-S	20,900.00 1,520.00	14,630.00 1,520.00
WS-C3750E-48TD-E CON-SNT-3750E4TE	Catalyst 3750E 48 10/100/1000+2*10GE(X2),265W,IPS s/w SMARTNET 8X5XNBD WS-C3750E-48TD-E	29,700.00 2,159.00	20,790.00 2,159.00
<b>3750-E Series 10/100/1000 LAN Switches with 750W PoE - Two 10 GB X2 Slots</b>			
WS-C3750E-24PD-S CON-SNT-3750E2PS	Catalyst 3750E 24 10/100/1000 PoE+2*10GE(X2),750W,IPB s/w SMARTNET 8X5XNBD WS-C3750E-24PD-S	11,400.00 824.00	7,980.00 824.00
WS-C3750E-24PD-E CON-SNT-3750E2PE	Catalyst 3750E 24 10/100/1000 PoE+2*10GE(X2),750W,IPS s/w SMARTNET 8X5XNBD WS-C3750E-24PD-E	15,800.00 1,143.00	11,060.00 1,143.00
WS-C3750E-48PD-S CON-SNT-3750E4PS	Catalyst 3750E 48 10/100/1000 PoE+2*10GE(X2),750W,IPB s/w SMARTNET 8X5XNBD WS-C3750E-48PD-S	22,600.00 1,640.00	15,820.00 1,640.00
WS-C3750E-48PD-E CON-SNT-3750E4PE	Catalyst 3750E 48 10/100/1000 PoE+2*10GE(X2),750W,IPS s/w SMARTNET 8X5XNBD WS-C3750E-48PD-E	31,400.00 2,279.00	21,980.00 2,279.00
<b>3750-E Series 10/100/1000 LAN Switches with 1150W PoE - Two 10 GB X2 Slots</b>			
WS-C3750E-48PD-SF CON-SNT-3750E4PT	Catalyst 3750E 48 10/100/1000 PoE+2*10GE(X2),1150W,IPB s/w SMARTNET 8X5XNBD WS-C3750E-48PD-SF	24,200.00 1,760.00	16,940.00 1,760.00
WS-C3750E-48PD-EF CON-SNT-3750E4PF	Catalyst 3750E 48 10/100/1000 PoE+2*10GE(X2),1150W,IPS s/w SMARTNET 8X5XNBD WS-C3750E-48PD-EF	33,000.00 2,399.00	23,100.00 2,399.00

### 3750-E Series 10/100/1000 LAN Switches / DC Powered

WS-C3750E-24TD-SD	Catalyst 3750E 24 10/100/1000 + 2*10GE(X2),265W DC, IPB s/w	10,500.00	7,350.00
CON-SNT-WSC375E2	SMARTNET 8X5XNBD Catalyst 3750E 24 10/100/1000 + 2 Stand	760.00	760.00
WS-C3750E-48TD-SD	Catalyst 3750E 48 10/100/1000 + 2*10GE(X2),265W DC, IPB s/w	20,900.00	14,630.00
CON-SNT-WSC375ED	SMARTNET 8X5XNBD Catalyst 3750E 48 10/100/1000 + 2 -DC Stand	1,520.00	1,520.00

### Product Activation Keys, Compatible Optics and Accessories

#### Product Activation Keys for IP Services Upgrade

3750E-LIC=	Product Activation Key for 3750 E	0.00	0.00
3750E-IPB-LIC-QTY	IP Base for 3750 E (the default license)	0.00	0.00
3750E-IPSLCB-QTY	IP Services for 3750 E 24 ports, upgrade from IP Base	4,400.00	3,080.00
3750E48-IPSLCB-QTY	IP Services for 3750 E 48 ports, upgrade from IP Base	8,800.00	6,160.00
L-3750E-LIC=	E-Delivery Product Activation Keys for 3750E	0.00	0.00
L-3750E-IPSLCB-QTY	E-Delivery IP svcs for 3750E 24 ports, upgrade from IP base	4,400.00	3,080.00
L-3750E48-IPSLCB-Q	E-Delivery IP Svcs for 3750E 48 ports, upgrade from IP base	8,800.00	6,160.00

#### 10 GB X2 Optics

X2-10GB-CX4=	10GBASE-CX4 X2 Module	600.00	420.00
X2-10GB-LRM=	10GBASE-LRM X2 Module	1,495.00	1,046.50
X2-10GB-SR=	10GBASE-SR X2 Module	1,995.00	1,396.50
X2-10GB-LX4=	10GBASE-LX4 X2 Module	2,995.00	2,096.50
X2-10GB-LR=	10GBASE-LR X2 Module	4,000.00	2,800.00
X2-10GB-ER=	10GBASE-ER X2 Module	10,000.00	7,000.00

#### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
GLC-GE-100FX=	100BASE-FX SFP for GE SFP port on 3750,3560.2970,2960	250.00	175.00

#### Stackwise Stacking Cables

CAB-STACK-50CM=	Cisco StackWise 50CM Stacking Cable	100.00	70.00
CAB-STACK-1M=	Cisco StackWise 1M Stacking Cable	200.00	140.00
CAB-STACK-3M=	Cisco StackWise 3M Stacking Cable	300.00	210.00
CAB-STACK-50CM-NH=	Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable	150.00	105.00
CAB-STACK-1M-NH=	Cisco StackWise 1M Non-Halogen Lead Free Stacking Cable	250.00	175.00

#### Spare Power Supplies

C3K-PWR-265WAC=	Catalyst 3750-E / 3560-E 265WAC power supply spare	495.00	346.50
C3K-PWR-265WDC=	Catalyst 3750-E / 3560-E 265WDC power supply spare	495.00	346.50
C3K-PWR-750WAC=	Catalyst 3750-E/3560-E/RPS 2300 750WAC power supply spare	995.00	696.50
C3K-PWR-1150WAC=	Catalyst 3750-E/3560-E/RPS 2300 1150WAC power supply spare	1,495.00	1,046.50
C3K-PWR-300WAC=	Catalyst 3560E-12D and 3560E-12SD 300WAC power supply spare	500.00	350.00
C3K-PWR-300WDC=	Catalyst 3560E-12D 300WDC power supply spare	800.00	560.00

#### Spare Fan Module

C3K-BLWR-60CFM=	Fan Module for the Catalyst 3750-E and 3560-E Series	295.00	206.50
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#### TwinGig Converter Module

CVR-X2-SFP=	Cisco TwinGig Converter Module	195.00	136.50
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#### Spare Rackmount Kits

RCKMNT-E-1RU=	Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E	75.00	52.50
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#### Mode Conditioning Patch Cables

CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00

#### 10 Meter Single and Multimode Jumper Cables

CSS5-CABLX-LCSC=	10-Meter Fiber Single Mode LX LC-to-SC Connectors	445.00	311.50
CSS5-CABSX-LC=	10-Meter Fiber Multimode SX LC Connectors	395.00	276.50
CSS5-CABSX-LCSC=	10-Meter Fiber Multimode SX LC-to-SC Connectors	395.00	276.50

#### Spare Power Cables

CAB-AC=	AC Power Cord (North America), C13, NEMA 5-15P, 2.1m	50.00	35.00
CAB-16AWG-AC=	AC Power cord, 16AWG	100.00	70.00
CAB-L620P-C13-US=	Power Cord, 250VAC, 15A, NEMA L6-20 to C13, US	50.00	35.00

## Cisco Catalyst 3560-X Series

The Cisco® Catalyst® 3560-X Series Switches are an enterprise-class line of standalone switches that provide high availability, scalability, security, energy efficiency, and ease of operation with innovative features such as IEEE 802.3at Power over Ethernet Plus (PoE+) configurations, optional network modules, dual-redundant and modular fans and power supplies, and Media Access Control Security (MACsec) features. The Cisco Catalyst 3560-X features an industry first PoE+ with 30W power on all 48 ports in a 1 rack unit (RU) form factor. The Cisco Catalyst 3560-X Series provides scalability, ease of management and investment protection for evolving business needs. The Cisco Catalyst 3560-X enhances productivity by enabling applications such as IP telephony, wireless, and video for a borderless network experience. All switch models can be configured with the optional four 1GB SFP or two 10GB SFP+ network module. The switch models are available with either the LAN Base or IP Base feature set. IP Services feature set is available as an upgrade option at the time of ordering or through a license at a later time.

The Cisco Catalyst 3560-X Series switches feature Cisco's Enhanced Limited Lifetime Hardware Warranty, which includes next business day replacement (where available) and access to technical support during local business hours, 8 hours per day, 5 days per week, for a period of ninety (90) calendar days from the date of purchase. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 3560-X Series Switches on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-3560X>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>3560-X Series 10/100/1000 LAN Switches with modular uplink slot - IP Base Software</b>			
WS-C3560X-24T-S	Catalyst 3560X 24 Port Data IP Base	4,300.00	3,010.00
CON-SNT-3560X2TS	SMARTNET 8X5XNBD Cat 3560X 24 Port Data IP Base	470.00	470.00
WS-C3560X-48T-S	Catalyst 3560X 48 Port Data IP Base	7,500.00	5,250.00
CON-SNT-3560X4TS	SMARTNET 8X5XNBD Cat 3560X 48 Port Data IP Base	470.00	470.00
<b>3560-X Series 10/100/1000 LAN Switches with PoE+ and modular uplink slot - IP Base Software</b>			
WS-C3560X-24P-S	Catalyst 3560X 24 Port PoE+ (715W) IP Base	5,100.00	3,570.00
CON-SNT-3560X2PS	SMARTNET 8X5XNBD Catalyst 3560X 24 Port PoE IP Base	470.00	470.00
WS-C3560X-48P-S	Catalyst 3560X 48 Port PoE+ (715W) IP Base	9,000.00	6,300.00
CON-SNT-3560X4PS	SMARTNET 8X5XNBD Cat 3560X 48 Port PoE IP Base	470.00	470.00
WS-C3560X-48PF-S	Catalyst 3560X 48 Port Full PoE+ (1100W) IP Base	10,000.00	7,000.00
CON-SNT-3560X4FS	SMARTNET 8X5XNBD Cat 3560X 48 Port Full PoE IP Base	470.00	470.00
<b>3560-X Series 10/100/1000 LAN Switches with modular uplink slot - IP Services Software</b>			
WS-C3560X-24T-E	Standalone 24 10/100/1000 Ethernet ports, with 350W AC power, IP Svcs	8,300.00	5,810.00
CON-SNT-3560X2TE	SMARTNET 8X5XNBD Catalyst 3560X 24 Port Data IP Services	470.00	470.00
WS-C3560X-48T-E	Standalone 48 10/100/1000 Ethernet ports, with 350W AC power, IP Svcs	11,500.00	8,050.00
CON-SNT-3560X4TE	SMARTNET 8X5XNBD Catalyst 3560X 48 Port Data IP Services	470.00	470.00



**3560-X Series 10/100/1000 LAN Switches with PoE+ and modular uplink slot - IP Services Software**

WS-C3560X-24P-E	Standalone 24 10/100/1000 Ethernet PoE+ ports, with 715W AC, IP Svcs	9,100.00	6,370.00
CON-SNT-3560X2PE	SMARTNET 8X5XNBD Catalyst 3560X 24 Port PoE IP Services	470.00	470.00
WS-C3560X-48P-E	Standalone 48 10/100/1000 Ethernet PoE+ ports, with 715W AC, IP Svcs	13,000.00	9,100.00
CON-SNT-3560X4PE	SMARTNET 8X5XNBD Catalyst 3560X 48 Port PoE IP Services	470.00	470.00
WS-C3560X-48PF-E	Standalone 48 10/100/1000 Ethernet PoE+ ports, with 1100W AC, IP Sv	14,000.00	9,800.00
CON-SNT-3560X4FE	SMARTNET 8X5XNBD Catalyst 3560X 48 Port Full PoE IP Svcs	470.00	470.00

**3560-X Series 10/100/1000 LAN Switches with modular uplink slot - LAN Base Software**

WS-C3560X-24T-L	Catalyst 3560X 24 Port Data LAN Base	3,400.00	2,380.00
CON-SNT-3560X2TL	SMARTNET 8X5XNBD Catalyst 3560X 24 Port Data LAN Base	350.00	350.00
WS-C3560X-48T-L	Catalyst 3560X 48 Port Data LAN Base	6,100.00	4,270.00
CON-SNT-3560X4TL	SMARTNET 8X5XNBD Catalyst 3560X 48 Port Data LAN Base	350.00	350.00

**3560-X Series 10/100/1000 LAN Switches with PoE+ and modular uplink slot - LAN Base Software**

WS-C3560X-24P-L	Catalyst 3560X 24 Port PoE+ (715W) LAN Base	4,200.00	2,940.00
CON-SNT-3560X2PL	SMARTNET 8X5XNBD Catalyst 3560X 24 Port PoE LAN Base	350.00	350.00
WS-C3560X-48P-L	Catalyst 3560X 48 Port PoE+ (715W) LAN Base	7,600.00	5,320.00
CON-SNT-3560X4PL	SMARTNET 8X5XNBD Catalyst 3560X 48 Port PoE LAN Base	350.00	350.00
WS-C3560X-48PF-L	Catalyst 3560X 48 Port Full PoE+ (1100W) LAN Base	8,600.00	6,020.00
CON-SNT-3560X4FL	SMARTNET 8X5XNBD Catalyst 3560X 48 Port Full PoE LAN Base	350.00	350.00

**Product Activation Keys, Compatible Optics, Cables and Accessories**
**Product Activation Keys for IP Services Upgrade**

C3560X-24-IOS-S-E	C3560X-24 IP Base to IP Services factory IOS Upgrade	4,000.00	2,800.00
C3560X-48-IOS-S-E	C3560X-48 IP Base to IP Services factory IOS Upgrade	4,000.00	2,800.00
C3560X-LIC=	Product Activation Keys for 3750-X Series	0.00	0.00
C3560X-24-L-S	C3560X-24 LAN Base to IP Base Paper License	900.00	630.00
C3560X-48-L-S	C3560X-48 LAN Base to IP Base Paper License	1,400.00	980.00
C3560X-24-S-E	C3560X-24 IP Base to IP Services Paper License	4,000.00	2,800.00
C3560X-48-S-E	C3560X-48 IP Base to IP Services Paper License	4,000.00	2,800.00
C3560X-24-L-E	C3560X-24 LAN Base to IP Services Paper License	4,900.00	3,430.00
C3560X-48-L-E	C3560X-48 LAN Base to IP Services Paper License	5,400.00	3,780.00
L-C3560X-LIC=	Electronic Product Activation Keys for 3750-X Series	0.00	0.00
L-C3560X-24-L-S	C3560X-24 LAN Base to IP Base E-License	900.00	630.00
L-C3560X-48-L-S	C3560X-48 LAN Base to IP Base E-License	1,400.00	980.00
L-C3560X-24-S-E	C3560X-24 IP Base to IP Services E-License	4,000.00	2,800.00
L-C3560X-48-S-E	C3560X-48 IP Base to IP Services E-License	4,000.00	2,800.00
L-C3560X-24-L-E	C3560X-24 LAN Base to IP Services E-License	4,900.00	3,430.00
L-C3560X-48-L-E	C3560X-48 LAN Base to IP Services E-License	5,400.00	3,780.00

**Modular Uplink (requires optics)**

C3KX-NM-1G	Catalyst 3K-X 1G Network Module option PID	500.00	350.00
C3KX-NM-10G	Catalyst 3K-X 10G Network Module option PID	2,500.00	1,750.00
C3KX-NM-10GT	Catalyst 3K-X 10G-T Network Module	2,500.00	1,750.00
C3KX-SM-10G	Catalyst 3K-X 10G Service Module (Netflow, MACsec)	3,750.00	2,625.00
C3KX-NM-BLANK=	Catalyst 3K-X Network Module Blank Spare	45.00	31.50

**10 GB SFP+ Optics**

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50
SFP-10G-LRM=	10GBASE-LRM SFP+ module	1,295.00	906.50

**1 GB SFP Optics**

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
GLC-GE-100FX=	100BASE-FX SFP for GE SFP port on 3750,3560.2970,2960	250.00	175.00

**Spare Power Supplies**

C3KX-PWR-350WAC=	Catalyst 3K-X 350W AC Power Supply	500.00	350.00
C3KX-PWR-715WAC=	Catalyst 3K-X 715W AC Power Supply	1,000.00	700.00
C3KX-PWR-1100WAC=	Catalyst 3K-X 1100W AC Power Supply	1,500.00	1,050.00
C3KX-PS-BLANK=	Catalyst 3K-X Power Supply Blank Spare	45.00	31.50

**Spare Fan Module**

C3KX-FAN-23CFM=	Catalyst 3K-X Fan Module Spare	295.00	206.50
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**Spare Accessory Kits**

C3KX-ACC-KIT=	Accessory kit for Catalyst 3750-X and 3560-X Series	50.00	35.00
C3KX-RACK-KIT=	19, 23, 24 and ETSI rack mount kit for Cat 3750-X /3560-X	250.00	175.00
C3KX-4PT-KIT=	4 Point Rack mount kit for Catalyst 3750-X and 3560-X Series	250.00	175.00

**Mode Conditioning Patch Cables**

CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00

**10 Meter Single and Multimode Jumper Cables**

CSS5-CABLX-LCSC=	10-Meter Fiber Single Mode LX LC-to-SC Connectors	445.00	311.50
CSS5-CABSX-LC=	10-Meter Fiber Multimode SX LC Connectors	395.00	276.50
CSS5-CABSX-LCSC=	10-Meter Fiber Multimode SX LC-to-SC Connectors	395.00	276.50

**Spare Power Cables**

CAB-3KX-AC=	AC Power Cord for Catalyst 3K-X (North America)	50.00	35.00
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**Spare Console Cables**

CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F	30.00	21.00
CAB-CONSOLE-USB	Console Cable 6 ft with USB Type A and mini-B	30.00	21.00

MS IT Hardware EPL 3658 - Switches  
 Document Version: 20130214  
 Replaced Document Version: 20121119  
 Updated By: Mike Kling  
 Date: February 14, 2013

## Cisco Catalyst 3750-X Series

The Cisco® Catalyst® 3750-X Series Switches are an enterprise-class line of stackable switches that provide high availability, scalability, security, energy efficiency, and ease of operation with innovative features such as Cisco StackPower, IEEE 802.3at Power over Ethernet Plus (PoE+) configurations, optional network modules, dual-redundant and modular fans and power supplies, and Media Access Control Security (MACsec) features. The Cisco Catalyst 3750-X features an industry first PoE+ with 30W power on all 48 ports in 1 rack unit (RU) form factor. The Cisco Catalyst 3750-X Series with StackWise® Plus technology provides scalability, ease of management and investment protection for the evolving business needs. The Cisco Catalyst 3750-X enhances productivity by enabling applications such as IP telephony, wireless, and video for a borderless network experience. All switch models can be configured with the optional four 1GB SFP or two 10GB SFP+ network module. The switch models are available with either the LAN Base or IP Base feature set. IP Services feature set is available as an upgrade option at the time of ordering or through a license at a later time.

The Cisco Catalyst 3750-X features Cisco StackPower™ technology for sharing power among stack members, Cisco StackWise Plus technology for ease of use and resiliency with 64 Gbps of throughput, and backward compatibility with all other models of Cisco Catalyst 3750 Series Switches.

The Cisco Catalyst 3750-X Series switches feature Cisco's Enhanced Limited Lifetime Hardware Warranty, which includes next business day replacement (where available) and access to technical support during local business hours, 8 hours per day, 5 days per week, for a period of ninety (90) calendar days from the date of purchase. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 3750-X Series Switches on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-3750X>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>3750-X Series 10/100/1000 LAN Switches with modular uplink slot - IP Base Software</b>			
WS-C3750X-24T-S	Catalyst 3750X 24 Port Data IP Base	6,500.00	4,550.00
CON-SNT-3750X2TS	SMARTNET 8X5XNBD Catalyst 3750X 24 Port Data IP Base	700.00	700.00
WS-C3750X-48T-S	Catalyst 3750X 48 Port Data IP Base	11,500.00	8,050.00
CON-SNT-3750X4TS	SMARTNET 8X5XNBD Catalyst 3750X 48 Port Data IP Base	700.00	700.00
<b>3750-X Series 10/100/1000 LAN Switches with PoE+ and modular uplink slot - IP Base Software</b>			
WS-C3750X-24P-S	Catalyst 3750X 24 Port PoE+ (715W) IP Base	7,300.00	5,110.00
CON-SNT-3750X2PS	SMARTNET 8X5XNBD Catalyst 3750X 24 PoE IP Base	700.00	700.00
WS-C3750X-48P-S	Catalyst 3750X 48 Port PoE+ (715W) IP Base	13,000.00	9,100.00
CON-SNT-3750X4PS	SMARTNET 8X5XNBD Catalyst 3750X 48 Port PoE IP Base	700.00	700.00
WS-C3750X-48PF-S	Catalyst 3750X 48 Port Full PoE+ (1100W) IP Base	14,000.00	9,800.00
CON-SNT-3750X4FS	SMARTNET 8X5XNBD Catalyst 3750X 48 Port Full PoE IP Base	700.00	700.00
<b>3750-X Series 10/100/1000 LAN Switches with modular uplink slot - IP Services Software</b>			
WS-C3750X-24T-E	Stackable 24 10/100/1000 Ethernet ports, with 350W AC power, IP Svcs	10,500.00	7,350.00
CON-SNT-3750X2TE	SMARTNET 8X5XNBD Catalyst 3750X 24 Port Data IP Services	700.00	700.00
WS-C3750X-48T-E	Stackable 48 10/100/1000 Ethernet ports, with 350W AC power, IP Svcs	19,500.00	13,650.00
CON-SNT-3750X4TE	SMARTNET 8X5XNBD Catalyst 3750X 48 Port Data IP Services	700.00	700.00

### 3750-X Series 10/100/1000 LAN Switches with PoE+ and modular uplink slot - IP Services Software

WS-C3750X-24P-E	Stackable 24 10/100/1000 Ethernet PoE+ ports, with 715W AC, IP Svcs	11,300.00	7,910.00
CON-SNT-3750X2PE	SMARTNET 8X5XNBD Catalyst 3750X 24 Port PoE IP Services	700.00	700.00
WS-C3750X-48P-E	Stackable 48 10/100/1000 Ethernet PoE+ ports, with 715W AC, IP Svcs	21,000.00	14,700.00
CON-SNT-3750X4PE	SMARTNET 8X5XNBD Catalyst 3750X 48 Port PoE IP Services	700.00	700.00
WS-C3750X-48PF-E	Stackable 48 10/100/1000 Ethernet PoE+ ports, with 1100W AC, IP Svcs	22,000.00	15,400.00
CON-SNT-3750X4FE	SMARTNET 8X5XNBD Catalyst 3750X 48 Port Full PoE IP Services	700.00	700.00

### 3750-X Series 10/100/1000 LAN Switches with modular uplink slot - LAN Base Software

WS-C3750X-24T-L	Catalyst 3750X 24 Port Data LAN Base	5,200.00	3,640.00
CON-SNT-3750X2TL	SMARTNET 8X5XNBD Catalyst 3750X 24 Port Data LAN Base	550.00	550.00
WS-C3750X-48T-L	Catalyst 3750X 48 Port Data LAN Base	8,900.00	6,230.00
CON-SNT-3750X4TL	SMARTNET 8X5XNBD Catalyst 3750X 48 Port Data LAN Base	550.00	550.00

### 3750-X Series 10/100/1000 LAN Switches with PoE+ and modular uplink slot - LAN Base Software

WS-C3750X-24P-L	Catalyst 3750X 24 Port PoE+ (715W) LAN Base	6,000.00	4,200.00
CON-SNT-3750X2PL	SMARTNET 8X5XNBD Catalyst 3750X 24 Port PoE LAN Base	550.00	550.00
WS-C3750X-48P-L	Catalyst 3750X 48 Port PoE+ (715W) LAN Base	10,400.00	7,280.00
CON-SNT-3750X4PL	SMARTNET 8X5XNBD Catalyst 3750X 48 Port PoE LAN Base	550.00	550.00
WS-C3750X-48PF-L	Catalyst 3750X 48 Port Full PoE+ (1100W) LAN Base	11,400.00	7,980.00
CON-SNT-3750X4FL	SMARTNET 8X5XNBD Catalyst 3750X 48 Port Full PoE LAN Base	550.00	550.00

### 3750-X Series 1 GB SFP Fiber Aggregation Switches w/ IP Base or IP Services Software

WS-C3750X-12S-S	Catalyst 3750X 12 Port GE SFP IP Base	10,000.00	7,000.00
CON-SNT-C375X12S	SMARTNET 8X5XNBD Catalyst 3750X 12 Port GE SFP IP Base	1,200.00	1,200.00
WS-C3750X-12S-E	Catalyst 3750X 12 Port GE SFP IP Services	14,000.00	9,800.00
CON-SNT-C375X12E	SMARTNET 8X5XNBD Catalyst 3750X 12 Port GE SFP IP Services	1,200.00	1,200.00
WS-C3750X-24S-S	Catalyst 3750X 24 Port GE SFP IP Base	20,000.00	14,000.00
CON-SNT-C375X24S	SMARTNET 8X5XNBD Catalyst 3750X 24 Port GE SFP IP Base	1,900.00	1,900.00
WS-C3750X-24S-E	Catalyst 3750X 24 Port GE SFP IP Services	30,000.00	21,000.00
CON-SNT-C375X24E	SMARTNET 8X5XNBD Catalyst 3750X 24 Port GE SFP IP Services	1,900.00	1,900.00

### Product Activation Keys, Compatible Optics, Cables and Accessories

#### Product Activation Keys for IP Services Upgrade

C3750X-24-IOS-S-E	C3750X-24 IP Base to IP Services factory IOS Upgrade	4,000.00	2,800.00
C3750X-48-IOS-S-E	C3750X-48 IP Base to IP Services factory IOS Upgrade	8,000.00	5,600.00
C3750X-LIC=	Product Activation Keys for 3750-X Series	0.00	0.00
C3750X-24-L-S	C3750X-24 LAN Base to IP Base Paper License	1,400.00	980.00
C3750X-48-L-S	C3750X-48 LAN Base to IP Base Paper License	2,800.00	1,960.00
C3750X-24-S-E	C3750X-24 IP Base to IP Services Paper License	4,000.00	2,800.00
C3750X-48-S-E	C3750X-48 IP Base to IP Services Paper License	8,000.00	5,600.00
C3750X-24-L-E	C3750X-24 LAN Base to IP Services Paper License	5,400.00	3,780.00
C3750X-48-L-E	C3750X-48 LAN Base to IP Services Paper License	10,800.00	7,560.00
C3750X-12S-S-E	C3750X-12S IP Base to IP Services Paper License	4,000.00	2,800.00
C3750X-24S-S-E	C3750X-24S IP Base to IP Services Paper License	10,000.00	7,000.00
L-C3750X-LIC=	Electronic Product Activation Keys for 3750-X Series	0.00	0.00
L-C3750X-24-L-S	C3750X-24 LAN Base to IP Base E-License	1,400.00	980.00
L-C3750X-48-L-S	C3750X-48 LAN Base to IP Base E-License	2,800.00	1,960.00
L-C3750X-24-S-E	C3750X-24 IP Base to IP Services E-License	4,000.00	2,800.00
L-C3750X-48-S-E	C3750X-48 IP Base to IP Services E-License	8,000.00	5,600.00
L-C3750X-24-L-E	C3750X-24 LAN Base to IP Services E-License	5,400.00	3,780.00
L-C3750X-48-L-E	C3750X-48 LAN Base to IP Services E-License	10,800.00	7,560.00
L-C3750X-12S-S-E	C3750X-12S IP Base to IP Services Electronic License	4,000.00	2,800.00
L-C3750X-24S-S-E	C3750X-24S IP Base to IP Services Electronic License	10,000.00	7,000.00

**Modular Uplink (requires optics)**

C3KX-NM-1G	Catalyst 3K-X 1G Network Module option PID	500.00	350.00
C3KX-NM-10G	Catalyst 3K-X 10G Network Module option PID	2,500.00	1,750.00
C3KX-NM-10GT	Catalyst 3K-X 10G-T Network Module	2,500.00	1,750.00
C3KX-SM-10G	Catalyst 3K-X 10G Service Module (Netflow, MACsec)	3,750.00	2,625.00
C3KX-NM-BLANK=	Catalyst 3K-X Network Module Blank Spare	45.00	31.50

**10 GB SFP+ Optics**

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50
SFP-10G-LRM=	10GBASE-LRM SFP+ module	1,295.00	906.50

**1 GB SFP Optics**

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP, LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
GLC-GE-100FX=	100BASE-FX SFP for GE SFP port on 3750,3560.2970,2960	250.00	175.00

**Stackwise Stacking Cables**

CAB-STACK-50CM=	Cisco StackWise 50CM Stacking Cable	100.00	70.00
CAB-STACK-1M=	Cisco StackWise 1M Stacking Cable	200.00	140.00
CAB-STACK-3M=	Cisco StackWise 3M Stacking Cable	300.00	210.00
CAB-STACK-50CM-NH=	Cisco StackWise 50CM Non-Halogen Lead Free Stacking Cable	150.00	105.00
CAB-STACK-1M-NH=	Cisco StackWise 1M Non-Halogen Lead Free Stacking Cable	150.00	105.00

**StackPower Stacking Cables**

CAB-SPWR-30CM=	Catalyst 3750-X StackPower cable 30 cm spare	95.00	66.50
CAB-SPWR-150CM=	Catalyst 3750-X StackPower cable 150 cm spare	195.00	136.50

**Spare Power Supplies**

C3KX-PWR-350WAC=	Catalyst 3K-X 350W AC Power Supply	500.00	350.00
C3KX-PWR-715WAC=	Catalyst 3K-X 715W AC Power Supply	1,000.00	700.00
C3KX-PWR-1100WAC=	Catalyst 3K-X 1100W AC Power Supply	1,500.00	1,050.00
C3KX-PS-BLANK=	Catalyst 3K-X Power Supply Blank Spare	45.00	31.50
C3KX-PWR-350WAC/2	Catalyst 3K-X 350W AC Secondary Power Supply	500.00	350.00
C3KX-PWR-715WAC/2	Catalyst 3K-X 715W AC Secondary Power Supply	1,000.00	700.00
C3KX-PWR-1100WAC/2	Catalyst 3K-X 1100W AC Secondary Power Supply	1,500.00	1,050.00

**Spare Fan Module**

C3KX-FAN-23CFM=	Catalyst 3K-X Fan Module Spare	295.00	206.50
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**Spare Accessory Kits**

C3KX-ACC-KIT=	Accessory kit for Catalyst 3750-X and 3560-X Series	50.00	35.00
C3KX-RACK-KIT=	19, 23, 24 and ETSI rack mount kit for Cat 3750-X /3560-X	250.00	175.00
C3KX-4PT-KIT=	4 Point Rack mount kit for Catalyst 3750-X and 3560-X Series	250.00	175.00

**Mode Conditioning Patch Cables**

CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00

**10 Meter Single and Multimode Jumper Cables**

CSS5-CABLX-LCSC=	10-Meter Fiber Single Mode LX LC-to-SC Connectors	445.00	311.50
CSS5-CABSX-LC=	10-Meter Fiber Multimode SX LC Connectors	395.00	276.50
CSS5-CABSX-LCSC=	10-Meter Fiber Multimode SX LC-to-SC Connectors	395.00	276.50

**Spare Power Cables**

CAB-3KX-AC=	AC Power Cord for Catalyst 3K-X (North America)	50.00	35.00
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**Spare Console Cables**

CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F	30.00	21.00
CAB-CONSOLE-USB	Console Cable 6 ft with USB Type A and mini-B	30.00	21.00

## Cisco Catalyst 3850 Series

The Cisco® Catalyst® 3850 Series Switch is the industry's first fixed, stackable GE switch to converge wired and wireless in a single platform, creating an uncompromised user experience in any workspace. The converged system provides a single platform for wired and wireless, network wide visibility for faster troubleshooting, consistent security and quality of service control, maximum resiliency with fast stateful recovery, and scale with distributed wired and wireless data plane. In addition, as a switch, the Cisco Catalyst 3850 is the best stackable switch in the industry.

The Cisco Catalyst 3850 provides maximum data and power and wireless resiliency.

### Cisco StackWise-480 Technology

Cisco StackWise-480 technology is built on the highly successful industry-leading Cisco StackWise technology. The StackWise-480 with 480 Gbps of stacking bandwidth uses Cisco IOS® Stateful Switchover (SSO) for providing resiliency within the stack. The stack behaves as a single switching unit that is managed by an active switch elected from one of the member switches. The active switch creates and updates all the switching, routing, and wireless tables. In an event of the active member failure, the standby member assumes the role of the active switch, continuing to keep the stack operational.

### Cisco StackPower Technology

The Cisco Catalyst 3850 Series supports Cisco StackPower technology, an innovative power interconnect system that allows the power supplies in a stack to be shared as a common resource among connected switches. Cisco StackPower unifies the individual power supplies installed in the switches and creates a pool of power, directing that power where it is needed.

The Cisco Catalyst 3850 Series switches feature Cisco's Enhanced Limited Lifetime Hardware Warranty, which includes next business day replacement (where available) and access to technical support during local business hours, 8 hours per day, 5 days per week, for a period of ninety (90) calendar days from the date of purchase. Warranty terms and details are available on Cisco's website at the following URL: <http://www.cisco.com/go/warranty>

You can learn more about the Cisco Catalyst 3850-X Series Switches on Cisco's website at the following URL:

<http://www.cisco.com/go/3850>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>3750-X Series 10/100/1000 LAN Switches with modular uplink slot - IP Base Software</b>			
WS-C3850-48T-L	Cisco Catalyst 3850 48 Port Data LAN Base	8,900.00	6,230.00
CON-SNT-WSC388TL	SMARTNET 8X5XNBD Cisco Catalyst 3850 48 Port Data LAN Bas	534.00	534.00
WS-C3850-48T-S	Cisco Catalyst 3850 48 Port Data IP Base	11,500.00	8,050.00
CON-SNT-WSC388TS	SMARTNET 8X5XNBD Cisco Catalyst 3850 48 Port Data IP Base	690.00	690.00
WS-C3850-48T-E	Cisco Catalyst 3850 48 Port Data IP Services	19,500.00	13,650.00
ON-SNT-WSC388TE	SMARTNET 8X5XNBD Cisco Catalyst 3850 48 Port Data IP Serv	690.00	690.00
WS-C3850-24T-L	Cisco Catalyst 3850 24 Port Data LAN Base	5,200.00	3,640.00
CON-SNT-WSC384TL	SMARTNET 8X5XNBD Cisco Catalyst 3850 24 Port Data LAN Bas	312.00	312.00
WS-C3850-24T-S	Cisco Catalyst 3850 24 Port Data IP Base	6,500.00	4,550.00
CON-SNT-WSC384TS	SMARTNET 8X5XNBD Cisco Catalyst 3850 24 Port	390.00	390.00
WS-C3850-24T-E	Cisco Catalyst 3850 24 Port Data IP Services	10,500.00	7,350.00
CON-SNT-WSC384TE	SMARTNET 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Serv	390.00	390.00
WS-C3850-48P-L	Cisco Catalyst 3850 48 Port PoE LAN Base	10,400.00	7,280.00
CON-SNT-WSC388PL	SMARTNET 8X5XNBD Cisco Catalyst 3850 48 Port PoE LAN Base	624.00	624.00
WS-C3850-48P-S	Cisco Catalyst 3850 48 Port PoE IP Base	13,000.00	9,100.00
CON-SNT-WSC388PS	SMARTNET 8X5XNBD Cisco Catalyst 3850 48 Port PoE IP Base	780.00	780.00
WS-C3850-48P-E	Cisco Catalyst 3850 48 Port PoE IP Services	21,000.00	14,700.00
CON-SNT-WSC388PE	SMARTNET 8X5XNBD Cisco Catalyst 3850 48 Port PoE IP Servi	780.00	780.00

WS-C3850-24P-L	Cisco Catalyst 3850 24 Port PoE LAN Base	6,000.00	4,200.00
CON-SNT-WSC384PL	SMARTNET 8X5XNBD Cisco Catalyst 3850 24 Port PoE LAN Base	360.00	360.00
WS-C3850-24P-S	Cisco Catalyst 3850 24 Port PoE IP Base	7,300.00	5,110.00
CON-SNT-WS-C384PS	SMARTNET 8X5XNBD Cisco Catalyst 3850 24 Port PoE IP Base	438.00	438.00
WS-C3850-24P-E	Cisco Catalyst 3850 24 Port PoE IP Services	11,300.00	7,910.00
CON-SNT-WSC384PE	SMARTNET 8X5XNBD Cisco Catalyst 3850 24 Port PoE IP Servi	438.00	438.00
WS-C3850-48F-L	Cisco Catalyst 3850 48 Port Full PoE LAN Base	11,400.00	7,980.00
CON-SNT-WSC388FL	SMARTNET 8X5XNBD Cisco Catalyst 3850 48 Port Full PoE LAN	684.00	684.00
WS-C3850-48F-S	Cisco Catalyst 3850 48 Port Full PoE IP Base	14,000.00	9,800.00
CON-SNT-WSC388FS	SMARTNET 8X5XNBD Cisco Catalyst 3850 48 Port Full PoE IP	840.00	840.00
WS-C3850-48F-E	Cisco Catalyst 3850 48 Port Full PoE IP Services	22,000.00	15,400.00
ON-SNT-WSC388FE	SMARTNET 8X5XNBD Cisco Catalyst 3850 48 Port Full PoE IP	840.00	840.00
WS-C3850-24PW-S	Cisco Catalyst 3850 24 Port PoE with 5 AP license IP Base	7,800.00	5,460.00
CON-SNT-WSC24PWS	SMARTNET 8X5XNBD Cisco Catalyst 3850 24 Port PoE with 5AP	468.00	468.00
CON-SNT-LCTIOS1A	SMARTNET 8X5XNBD AP adder license for	26.00	26.00
WS-C3850-48PW-S	Cisco Catalyst 3850 48 Port Full PoE w/ 5 AP license IP Base	14,500.00	10,150.00
CON-SNT-WSC48PWS	SMARTNET 8X5XNBD Cisco Catalyst 3850	870.00	870.00
CON-SNT-LCTIOS1A	SMARTNET 8X5XNBD AP adder license for	26.00	26.00

### Product Activation Keys, Compatible Optics, Cables and Accessories

#### Product Activation Keys

C3850-RTU=	Paper SW License for C3850 Switches	0.00	0.00
C3850-48-L-S	C3850-48 LAN Base to IP Base Paper RTU License	2,800.00	1,960.00
C3850-48-L-E	C3850-48 LAN Base to IP Services Paper RTU License	10,800.00	7,560.00
C3850-48-S-E	C3850-48 IP Base to IP Services Paper RTU License	8,000.00	5,600.00
C3850-24-L-S	C3850-24 LAN Base to IP Base Paper RTU License	1,400.00	980.00
C3850-24-L-E	C3850-24 LAN Base to IP Services Paper RTU License	5,400.00	3,780.00
C3850-24-S-E	C3850-24 IP Base to IP Services Paper RTU License	4,000.00	2,800.00
L-C3850-RTU=	Electronic SW Licnese for C3850 Switches	0.00	0.00
L-C3850-48-L-S	C3850-48 LAN Base to IP Base Electronic RTU License	2,800.00	1,960.00
L-C3850-48-L-E	C3850-48 LAN Base to IP Services Electronic RTU License	10,800.00	7,560.00
L-C3850-48-S-E	C3850-48 IP Base to IP Services Electronic RTU License	8,000.00	5,600.00
L-C3850-24-L-S	C3850-24 LAN Base to IP Base Electronic RTU License	1,400.00	980.00
L-C3850-24-L-E	C3850-24 LAN Base to IP Services Electronic RTU License	5,400.00	3,780.00
L-C3850-24-S-E	C3850-24 IP Base to IP Services Electronic RTU License	4,000.00	2,800.00
L-LIC-CT3850-UPG	Upg license SKU for Cisco 3850 WirelessController (e-deliv)	0.00	0.00
LIC-CTIOS-1A	AP adder license for IOS based Wireless LAN Controllers	200.00	140.00
L-LIC-CTIOS-1A	AP adder license for IOS based Wireless LAN Controllers	200.00	140.00

#### Modular Uplink (requires optics)

C3850-NM-4-10G	Cisco Catalyst 3850 4 x 10GE Network Module	4,000.00	2,800.00
C3850-NM-2-10G	Cisco Catalyst 3850 2 x 10GE Network Module	2,500.00	1,750.00
C3850-NM-4-1G	Cisco Catalyst 3850 4 x 1GE Network Module	500.00	350.00
C3850-NM-BLANK	Cisco Catalyst 3850 Network Module Blank	50.00	35.00

#### 10 GB SFP+ Optics

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50
SFP-10G-LRM=	10GBASE-LRM SFP+ module	1,295.00	906.50
SFP-10G-ER=	10GBASE-ER SFP Module	10,000.00	7,000.00
SFP-H10GB-CU1M=	10GBASE-CU SFP+ Cable 1 Meter	150.00	105.00
SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	210.00	147.00
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	210.00	147.00
SFP-H10GB-CU5M=	10GBASE-CU SFP+ Cable 5 Meter	260.00	182.00

<b><u>1 GB SFP Optics</u></b>			
GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-ZX-SM=	1000BASE-ZX SFP	3,995.00	2,796.50
GLC-T=	1000BASE-T SFP	395.00	276.50
SFP-GE-S=	1000BASE-SX SFP (DOM)	550.00	385.00
SFP-GE-L=	1000BASE-LX/LH SFP (DOM)	1,100.00	770.00
GLC-GE-100FX=	100BASE-FX SFP for GE SFP port on 3750,3560.2970,2960	250.00	175.00
GLC-BX-U=	1000BASE-BX SFP, 1310NM	1,300.00	910.00
GLC-BX-D=	1000BASE-BX SFP, 1490NM	1,300.00	910.00
<b><u>Stackwise Stacking Cables</u></b>			
STACK-T1-50CM=	50CM Type 1 Stacking Cable	100.00	70.00
STACK-T1-1M=	1M Type 1 Stacking Cable	200.00	140.00
STACK-T1-3M=	3M Type 1 Stacking Cable	300.00	210.00
CAB-SPWR-30CM=	Catalyst 3750X and 3850 Stack Power Cable 30 CM Spare	95.00	66.50
CAB-SPWR-150CM=	Catalyst 3750X and 3850 Stack Power Cable 150 CM Spare	195.00	136.50
<b><u>StackPower Stacking Cables</u></b>			
CAB-SPWR-30CM=	Catalyst 3750-X StackPower cable 30 cm spare	95.00	66.50
CAB-SPWR-150CM=	Catalyst 3750-X StackPower cable 150 cm spare	195.00	136.50
<b><u>Spare Power Supplies</u></b>			
PWR-C1-715WAC=	715W AC Config 1 Power Supply	1,000.00	700.00
PWR-C1-1100WAC=	1100W AC Config 1 Power Supply	1,500.00	1,050.00
PWR-C1-350WAC=	350W AC Config 1 Power Supply	500.00	350.00
PWR-C1-440WDC/2	440W DC Config 1 secondary Power Supply	500.00	350.00
PWR-C1-350WAC/2	350W AC Config 1 SecondaryPower Supply	500.00	350.00
PWR-C1-715WAC/2	715W AC Config 1 Secondary Power Supply	1,000.00	700.00
PWR-C1-440WDC=	440W DC Config 1 Power Supply	500.00	350.00
PWR-C1-1100WAC/2	1100W AC Config 1 Secondary Power Supply	1,500.00	1,050.00
PWR-C1-BLANK=	Config 1 Power Supply Blank	50.00	35.00
<b><u>Spare Fan Module</u></b>			
C3850-FAN-T1=	Cisco Catalyst 3850 and WLC 5760 Type 1 Fan Module	300.00	210.00
<b><u>Spare Accessory Kits</u></b>			
C3850-RACK-KIT=	Cisco Catalyst 3850 19, 23, 24 inch and ETSI rack mount kit	250.00	175.00
C3850-ACC-KIT=	Cisco Catalyst 3850 Accessory kit with 19 inch rack mount	50.00	35.00
<b><u>Mode Conditioning Patch Cables</u></b>			
CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00
<b><u>10 Meter Single and Multimode Jumper Cables</u></b>			
CSS5-CABLX-LCSC=	10-Meter Fiber Single Mode LX LC-to-SC Connectors	445.00	311.50
CSS5-CABSX-LC=	10-Meter Fiber Multimode SX LC Connectors	395.00	276.50
CSS5-CABSX-LCSC=	10-Meter Fiber Multimode SX LC-to-SC Connectors	395.00	276.50
<b><u>Spare Power Cables</u></b>			
CAB-TA-NA=	North America AC Type A Power Cable	50.00	35.00
<b><u>Spare Console Cables</u></b>			
CAB-CONSOLE-RJ45	Console Cable 6ft with RJ45 and DB9F	30.00	21.00
CAB-CONSOLE-USB	Console Cable 6 ft with USB Type A and mini-B	30.00	21.00



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## Cisco Catalyst 4900 Series

The Cisco® Catalyst® 4900 Series Switches deliver high-performance, low-latency wire-speed Layer 2 and 3 services in a small form factor (1 or 2 rack units). The 4900 Series is ideal for space-constrained deployments. Specifically designed for top-of-rack server aggregation in the Data Center, the Catalyst 4900 provides the following advantages: Architectural Flexibility: Increased link use without buffer overflow and Layer 2 and 3 support at the access layer as needed; Investment Protection: Smooth transition from 10/100/1000 to 10 Gb Ethernet interfaces; Simplified Management: Edge switch auto-provisioning; and Transport Flexibility: Support for a wide range of storage, high-performance computing, and video applications. The Catalyst 4900 is also ideal for LAN collapsed core and distribution aggregation in branch office applications, and provides the following advantages: Interface Flexibility: Support for a wide range of Gb Ethernet and 10 Gb Ethernet interfaces; High Performance: Up to 320 Gbps forwarding capacity; Multilayer Support: Support for main routing protocols and IPv6 in hardware; High Availability: Hot swappable redundant power supply and fans; and Investment Protection: Simple migration from Gb to 10 Gb Ethernet.

The latest addition to the Cisco Catalyst 4900 Series is the Cisco Catalyst 4948E. It inherits all the features of the award-winning Catalyst 4948 10Gb Ethernet Switch and also offers 10Gb Ethernet uplinks, front-to-back airflow, and IPv6 in hardware.

You can learn more about the Cisco Catalyst 4900 Series Switches on Cisco's website at the following URL:  
<http://www.cisco.com/go/4900>

For sales and account support, please contact one of Cisco's local account managers:

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<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>4900M Series Switches Component Options</b>			
WS-C4900M	Base system with 8 X2 ports and 2 half slots	19,500.00	13,650.00
WS-X4920-GB-RJ45	20 port 10/100/1000 RJ45	3,500.00	2,450.00
WS-X4904-10GE	4 port wire speed 10GE card	5,000.00	3,500.00
WS-X4908-10GE	8 port 2:1 10GbE (X2) line card for 4900M series	7,500.00	5,250.00
WS-X4908-10G-RJ45	8 port 2:1 10GbaseT line card for 4900M series	3,500.00	2,450.00
PWR-C49M-1000AC	4900M AC power supply, 1000 watts	1,000.00	700.00
PWR-C49M-1000AC/2	Redundant AC PS for 4900M	1,000.00	700.00
PWR-C49M-1000DC	4900M DC power supply 1000 watts	1,500.00	1,050.00
PWR-C49M-1000DC/2	Redundant DC PS for 4900M	1,500.00	1,050.00
CAB-US515-C15-US	NEMA 5-15 to IEC-C15 8ft US	0.00	0.00
CAB-C13-C14-JMPR	Recessed receptical AC power cord 27in	0.00	0.00
CAB-N5K6A-NA	Power Cord, 200/240V 6A North America	0.00	0.00
S49MIPB-15002SG	Cisco CAT4900M IOS IP BASE W/O CRYPTO	300.00	210.00
S49MIPBK9-15002SG	Cisco CAT4900M IOS IP BASE SSH	300.00	210.00
S49MES-15002SG	Cisco CAT4900M IOS ENTERPRISE SERVICES W/O CRYPTO	12,000.00	8,400.00
S49MESK9-15002SG	Cisco CAT4900M IOS ENTERPRISE SERVICES SSH	12,000.00	8,400.00
S49MIPB-12254SG	Cisco CAT4900M IOS IP BASE W/O CRYPTO	0.00	0.00
S49MIPBK9-12254SG	Cisco CAT4900M IOS IP BASE SSH	100.00	70.00
S49MES-12254SG	Cisco CAT4900M IOS ENTERPRISE SERVICES W/O CRYPTO	12,000.00	8,400.00
S49MESK9-12254SG	Cisco CAT4900M IOS ENTERPRISE SERVICES SSH	12,000.00	8,400.00
S49MIPB-12253SG	Cisco CAT4900M IOS IP BASE W/O CRYPTO	0.00	0.00
S49MIPBK9-12253SG	Cisco CAT4900M IOS IP BASE SSH	100.00	70.00
S49MES-12253SG	Cisco CAT4900M IOS ENTERPRISE SERVICES W/O CRYPTO	12,000.00	8,400.00
S49MESK9-12253SG	Cisco CAT4900M IOS ENTERPRISE SERVICES SSH	12,000.00	8,400.00

MEM-C4K-FLD64M	Catalyst 4900M Compact Flash, 64MB Option	400.00	280.00
MEM-C4K-FLD128M	Catalyst 4900M Compact Flash, 128MB Option	700.00	490.00
CON-SNT-WSC4900M	SMARTNET 8X5XNBD Base system with 8 X2 optics and 2 half	1,987.00	1,987.00
CON-SNT-X490410G	SMARTNET 8X5XNBD 4 port wire speed 10GE card	420.00	420.00
CON-SNT-X490810G	SMARTNET 8X5XNBD 8 port 2:1 10 GE card	630.00	630.00
CON-SNT-X4908M10	SMARTNET 8X5XNBD 8 port 2:1 10GbaseT line card for 4900M	294.00	294.00
CON-SNT-X4920GBR	SMARTNET 8X5XNBD 20 port 10/100/1000 RJ45	294.00	294.00
CON-SNTP-WSC4900M	SMARTNET 24X7X4 Base system with 8 X2 optics and 2 half	3,179.00	3,179.00
CON-SNTP-X490410G	SMARTNET 24X7X4 4 port wire speed 10GE card	672.00	672.00
CON-SNTP-X490810G	SMARTNET 24X7X4 8 port 2:1 10 GE card	1,008.00	1,008.00
CON-SNTP-X4908M10	SMARTNET 24X7X4 8 port 2:1 10GbaseT line card for 4900M	470.00	470.00
CON-SNTP-X4920GBR	SMARTNET 24X7X4 20 port 10/100/1000 RJ45	470.00	470.00

#### 4948 Fixed Series Switches Component Options

WS-C4948-10GE	Catalyst 4948, optnl sw, 48*10/100/1000+2*10GE(X2), no p/s	12,500.00	8,750.00
CON-SNT-494810GE	SMARTNET 8X5XNBD Cat 4948 4810/100/1000T	1,260.00	1,260.00
CON-SNTP-494810GE	SMARTNET 24X7X4 Cat 4948 4810/100/1000T	2,016.00	2,016.00
WS-C4948-10GE-S	Catalyst 4948, IPB s/w, 48*10/100/1000+2*10GE(X2), 1 AC p/s	15,000.00	10,500.00
CON-SNT-C4948GES	SMARTNET 8X5XNBD 4948, IPB s/w 4810/100/1K 2 10GE	1,260.00	1,260.00
CON-SNTP-C4948GES	SMARTNET 24X7X4 4948, IPB s/w 4810/100/1K 2 10GE	2,016.00	2,016.00
WS-C4948-10GE-E	Catalyst 4948, ES Image, 48*10/100/1000+2*10GE(X2), 1 AC p/s	19,000.00	13,300.00
CON-SNT-C4948GEE	SMARTNET 8X5XNBD 4948, ES Image 4810/100/1K 2 10GE 1AC	1,596.00	1,596.00
CON-SNTP-C4948GEE	SMARTNET 24X7X4 4948, ES Image 4810/100/1K 2 10GE 1AC	2,554.00	2,554.00
WS-C4948-S	Catalyst 4948, IPB s/w, 48-Port 10/100/1000+4 SFP, 1 AC p/s	12,500.00	8,750.00
CON-SNT-WSC4948S	SMARTNET 8X5XNBD C4948, IPB s/w 48Pt SFP 1 AC p/s	882.00	882.00
CON-SNTP-WSC4948S	SMARTNET 24X7X4 C4948, IPB s/w 48Pt SFP 1 AC p/s	1,411.00	1,411.00
WS-C4948-E	Catalyst 4948, ES s/w, 48-Port 10/100/1000+4 SFP, 1 AC p/s	16,500.00	11,550.00
CON-SNT-WSC4948E	SMARTNET 8X5XNBD C4948, ES s/w 48 Pt SFP 1 AC p/s	1,218.00	1,218.00
CON-SNTP-WSC4948E	SMARTNET 24X7X4 C4948, ES s/w 48 Pt SFP 1 AC p/s	1,949.00	1,949.00
WS-C4948	Catalyst 4948, optnl sw, 48-Port 10/100/1000+4 SFP, no p/s	10,000.00	7,000.00
CON-SNT-WS-C4948	SMARTNET 8X5XNBD C4948, optnl sw 48Pt SFP-no p s	882.00	882.00
CON-SNTP-WS-C4948	SMARTNET 24X7X4 C4948, optnl sw 48Pt SFP-no p s	1,411.00	1,411.00
PWR-C49-300AC	Catalyst 4948 300-Watt AC Power Supply	500.00	350.00
PWR-C49-300AC=	Catalyst 4948 300-Watt AC Power Supply (Spare)	500.00	350.00
PWR-C49-300AC/2	Catalyst 4948 300-Watt AC Power Supply Redundant	500.00	350.00
PWR-C49-300DC	Catalyst 4900 300-Watt DC Power Supply	800.00	560.00
PWR-C49-300DC/2	Catalyst 4900 300-Watt DC Power Supply Redundant	800.00	560.00
CAB-US515-C15-US	NEMA 5-15 to IEC-C15 8ft US	0.00	0.00
CAB-C13-C14-JMPR	Recessed receptical AC power cord 27in	0.00	0.00
CAB-N5K6A-NA	Power Cord, 200/240V 6A North America	0.00	0.00
S49LB-12254SG	Cisco CAT4900 IOS LAN BASE W/O CRYPTO	0.00	0.00
S49LBK9-12254SG	Cisco CAT4900 IOS LAN BASE SSH	0.00	0.00
S49IPB-12254SG	Cisco CAT4900 IOS IP BASE W/O CRYPTO	0.00	0.00
S49IPBK9-12254SG	Cisco CAT4900 IOS IP BASE SSH	0.00	0.00
S49ES-12254SG	Cisco CAT4900 IOS ENTERPRISE SERVICES W/O CRYPTO	4,000.00	2,800.00
S49ESK9-12254SG	Cisco CAT4900 IOS ENTERPRISE SERVICES SSH	4,000.00	2,800.00
S49LB-12253SG	Cisco CAT4900 IOS LAN BASE W/O CRYPTO	100.00	70.00
S49LBK9-12253SG	Cisco CAT4900 IOS LAN BASE SSH	100.00	70.00
S49IPB-12253SG	Cisco CAT4900 IOS IP BASE W/O CRYPTO	100.00	70.00
S49IPBK9-12253SG	Cisco CAT4900 IOS IP BASE SSH	100.00	70.00
S49ES-12253SG	Cisco CAT4900 IOS ENTERPRISE SERVICES W/O CRYPTO	4,000.00	2,800.00
S49ESK9-12253SG	Cisco CAT4900 IOS ENTERPRISE SERVICES SSH	4,000.00	2,800.00

S49IPB-15002SG	Cisco CAT4900 IOS IP BASE W/O CRYPTO	100.00	70.00
S49IPBK9-15002SG	Cisco CAT4900 IOS IP BASE SSH	100.00	70.00
S49ES-15002SG	Cisco CAT4900 IOS ENTERPRISE SERVICES W/O CRYPTO	4,000.00	2,800.00
S49ESK9-15002SG	Cisco CAT4900 IOS ENTERPRISE SERVICES SSH	4,000.00	2,800.00
WS-C4900-SW-LIC	Catalyst 4948 IP Base Upgrade License for LAN Base IOS	2,000.00	1,400.00

#### 4900-E Series Switches Component & Maintenance Options

WS-C4948E	Catalyst 4948E, opt sw, 48-Port 10/100/1000+ 4 SFP+, no p/s	13,500.00	9,450.00
CON-SNT-C4948E	SMARTNET 8X5XNBD Catalyst 4948E, opt sw	882.00	882.00
CON-SNTP-C4948E	SMARTNET 24X7X4 Catalyst 4948E, opt sw	1,411.00	1,411.00
WS-C4948E-S	Catalyst 4948E, IPB, 48-Port 10/100/1000+ 4 SFP+, AC p/s	16,000.00	11,200.00
CON-SNT-C4948ES	SMARTNET 8X5XNBD Catalyst 4948E, IPB	1,092.00	1,092.00
CON-SNTP-C4948ES	SMARTNET 24X7X4 Catalyst 4948E, IPB	1,747.00	1,747.00
WS-C4948E-E	Catalyst 4948E, ES, 48-Port 10/100/1000+ 4 SFP+, AC p/s	20,000.00	14,000.00
CON-SNT-C4948EE	SMARTNET 8X5XNBD Catalyst 4948E, ES	1,428.00	1,428.00
CON-SNTP-C4948EE	SMARTNET 24X7X4 Catalyst 4948E, ES	2,285.00	2,285.00
WS-C4948E-F	Cat 4948E-F, opt sw, 48x 10/100/1000+ 4 SFP+, no PS, Fr	13,500.00	9,450.00
CON-SNT-C4948F	SMARTNET 8X5XNBD Cat 4948E-F, opt sw, 4	882.00	882.00
CON-SNTP-C4948F	SMARTNET 24X7X4 Cat 4948E-F, opt sw, 4	1,411.00	1,411.00
WS-C4948E-F-S	Cat 4948E-F, IPB, 48x 10/100/1000+ 4 SFP+, AC PS, Fr	16,000.00	11,200.00
CON-SNT-C4948FS	SMARTNET 8X5XNBD Cat 4948E-F, IPB	1,092.00	1,092.00
CON-SNTP-C4948FS	SMARTNET 24X7X4 Cat 4948E-F, IPB	1,747.00	1,747.00
WS-C4948E-F-E	Cat 4948E-F, ES, 48x 10/100/1000+ 4 SFP+, AC PS, Fr	20,000.00	14,000.00
CON-SNT-C4948GEE	SMARTNET 8X5XNBD 4948, ES Image 4810/100/1K 2 10GE 1AC	1,428.00	1,428.00
CON-SNTP-C4948GEE	SMARTNET 24X7X4 4948, ES Image 4810/100/1K 2 10GE 1AC	2,285.00	2,285.00
WS-C4928-10GE	Catalyst 4928, no p/s, 28x 1GBase-X SFP, 2x 10GBase-X X2	43,500.00	30,450.00
CON-SNT-C4928GE	SMARTNET 8X5XNBD 28x 1GBase-X SFP	3,654.00	3,654.00
CON-SNTP-C4928GE	SMARTNET 24X7X4 28x 1GBase-X SFP	5,846.00	5,846.00
PWR-C49E-300AC-R=	Catalyst 4948E 300WAC power supply	500.00	350.00
PWR-C49E-300AC-R/2	Catalyst 4948E 2nd power supply	500.00	350.00
PWR-C49E-300AC-F=	Cat 4948E-F 300W AC Power Supply Front exhaust	500.00	350.00

#### 4900 Series Green Bundle - Top Level Part Numbers

WS-C4948-BDL	Green Bundle 10x WS-C4948	0.00	0.00
WS-C4948E-BDL	Green Bundle 10x WS-C4948E	0.00	0.00
WS-C4948-10GEBDL	Green Bundle 10x WS-C4948-10GE	0.00	0.00
WS-C4948E-F-BDL	Green Bundle 10x WS-C4948E-F	0.00	0.00

#### 4900 Series Optics

##### 10 GB SFP+ Optics

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50
SFP-10G-LRM=	10GBASE-LRM SFP+ module	1,295.00	906.50

##### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP, LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
GLC-BX-D=	1000BASE-BX SFP, 1490NM	1,300.00	910.00
GLC-BX-U=	1000BASE-BX SFP, 1310NM	1,300.00	910.00

## Cisco Catalyst 4500-X

The Cisco® Catalyst® 4500-X Series Switch is a fixed aggregation switch that delivers best-in-class scalability, simplified network virtualization, and integrated network services for space-constrained environments in campus networks. It meets business growth objectives with unprecedented scalability, simplifies network virtualization with support for one-to-many (Cisco Easy Virtual Networks [EVN]) and many-to-one (Virtual Switching System1 [VSS]) virtual networks, and enables emerging applications by integrating many network services. The Cisco Catalyst 4500-X Series offers key innovations, including:

**Platform Scalability:** Delivers up-to 800 Gbps of switching capacity, capable of scaling in the future to 1.6-Tbps capacity with the VSSi technology. Future-proof investment with modular uplink and auto-detect 10 Gigabit Ethernet and 1 Gigabit Ethernet ports;

**High Availability:** These switches deliver the network availability demanded by business-critical enterprise applications through comprehensive high-availability capabilities, including VSSi and EVN. Furthermore, innovative features such as redundant hot swappable fans and power supplies with AC to DC, and DC to AC failover remove single point of failure in network;

**Application Monitoring:** Enhanced application monitoring through Flexible Netflow and eight ports of line rate bidirectional Switched Port Analyzer (SPAN) / Remote Switched Port Analyzer (RSPAN). In addition Cisco IOS® XE Software provides the ability to host third-party applications;

**Security:** Support for Cisco TrustSec™ technology as well as robust control plane policing (CoPP) to address denial of service attacks.

Cisco Catalyst 4500-X Series provides scalable, fixed-campus aggregation solutions in space-constrained environments. The solution provides flexibility to build desired port density through two versions of base switches along with optional uplink module. Both the 32- and 16-port versions can be configured with optional network modules and offer similar features. The Small Form-Factor Pluggable Plus (SFP+) interface supports both 10 Gigabit Ethernet and 1 Gigabit Ethernet ports, allowing customers to use their investment in 1 Gigabit Ethernet SFP and upgrade to 10 Gigabit Ethernet when business demands change, without having to do a comprehensive upgrade of the existing deployment. The uplink module is hot swappable.

The Cisco Catalyst 4500-X offers the following rich set of capabilities for simplified operations: Auto Install and AutoQoS for fast deployment, Flexible NetFlow and IP SLA for enhanced visibility, EEM integration with NetFlow and third-party applications, Smart Call Home, Generic Online Diagnostic (GOLD), and Digital Optical Monitoring (DOM) for simplified operations, Cisco EnergyWise for simplified and effective power management, ISSU, SSO, and NSF for simplified change management and high availability for VSSi enabled deployment, and configuration rollback for improved configuration management.

You can learn more about the Cisco Catalyst 4500-X Series Switches on Cisco's website at the following URL:  
<http://www.cisco.com/go/4500x>

For sales and account support, please contact one of Cisco's local account managers:

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<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>4500-X Series Aggregation Switches - IP Base Software</b>			
WS-C4500X-40X-ES	Catalyst 4500-X 40 Port 10G Ent. Services, Dual P/S	44,000.00	30,800.00
CON-SNT-C45X40XE	SMARTNET 8X5XNBD Catalyst 4500-X 40 Port 10G Ent. Service 1	3,240.00	3,240.00
CON-SNTP-C45X40XE	SMARTNET 24X7X4 Catalyst 4500-X 40 Port 10G Ent. Service 1	5,184.00	5,184.00
WS-C4500X-32SFP+	Catalyst 4500-X 32 Port 10G IP Base, Front-to-Back cooling	28,000.00	19,600.00
CON-SNT-C45X32SF	SMARTNET 8X5XNBD Catalyst 4500-X 32 Port 10G IP Base, Front	1,800.00	1,800.00
CON-SNTP-C45X32SF	SMARTNET 24X7X4 Catalyst 4500-X 32 Port 10G IP Base, Front	2,880.00	2,880.00
WS-C4500X-F-32SFP+	Catalyst 4500-X 32 Port 10G IP Base, Back-to-Front cooling	28,000.00	19,600.00
CON-SNT-C45XF32S	SMARTNET 8X5XNBD Catalyst 4500-X 32 Port 10G IP Base, Back	1,800.00	1,800.00
CON-SNTP-C45XF32S	SMARTNET 24X7X4 Catalyst 4500-X 32 Port 10G IP Base, Back	2,880.00	2,880.00

WS-C4500X-24X-ES	Catalyst 4500-X 24 Port 10GE Enterprise Services with Dual Power Supply (	24,000.00	16,800.00
CON-SNT-WSC24EXX	SMARTNET 8X5XNBD Catalyst 4500-X 24 Port 10G Ent. Service.	2,280.00	2,280.00
CON-SNTP-WSC24EXX	SMARTNET 24X7X4 Catalyst 4500-X 24 Port 10G Ent. Service.	3,627.00	3,627.00
WS-C4500X-24X-IPB	Catalyst 4500-X 24 Port 10G IP Base, Front-to-Back, No P/S	20,000.00	14,000.00
CON-SNT-WSC450X2	SMARTNET 8X5XNBD Cat 4500-X 24 Prt 10G IP	1,320.00	1,320.00
CON-SNTP-WSC450X2	SMARTNET 24X7X4 Cat 4500-X 24 Prt 10G IP Base, Front to	2,112.00	2,112.00
WS-C4500X-16SFP+	Catalyst 4500-X 16 Port 10GE IP Base, Front-to-Back Cooling i.e. Port Side	16,000.00	11,200.00
CON-SNTE-WSC16SFX	SMARTNET 8X5X4 Catalyst 4500-X 16 Port 10G IP Base, Fro.	1,080.00	1,080.00
CON-SNTP-WSC16SFX	SMARTNET 24X7X4 Catalyst 4500-X 16 Port 10G IP Base, Fro.	1,728.00	1,728.00
WS-C4500X-F-16SFP+	Catalyst 4500-X 16 Port 10GE IP Base, Back-to-Front Cooling i.e. Power Su	16,000.00	11,200.00
CON-SNT-WSCF16FX	SMARTNET 8X5XNBD Catalyst 4500-X 16 Port 10G IP Base, Bac.	1,080.00	1,080.00
CON-SNTP-WSCF16FX	SMARTNET 24X7X4 Catalyst 4500-X 16 Port 10G IP Base, Bac.	1,728.00	1,728.00

### Software Feature Set Upgrade, Compatible Optics, Cables and Accessories

#### Software Feature Set Upgrade

C4500X-LIC	Paper Base License for C4500-X	0.00	0.00
C4500X-IPB	Catalyst 4500-X IP BASE software license (paper delivery)	0.00	0.00
C4500X-IP-ES	IP to Ent Srvc license for Catalyst 4500-X	8,000.00	5,600.00
C4500X-16P-IP-ES	IP Base to Ent. Services license for 16 Port Catalyst 4500-X	\$4,000.00	2,800.00
L-C4500X-LIC	Base License for C4500-X	0.00	0.00
L-C4500X-IPB	Catalyst 4500-X IP BASE software license (electronic delivery)	0.00	0.00
L-C4500X-IP-ES	IP to Ent Srvc electronic license for Catalyst 4500-X	8,000.00	5,600.00
L-C4500X-16P-IP-ES	IP Base to Ent. Services license for 16 Port Catalyst 4500-X	\$4,000.00	2,800.00

#### Uplink Network Module

C4KX-NM-8SFP+	Catalyst 4500X 8 Port 10G Network Module	8,000.00	5,600.00
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#### 10 GB SFP+ Optics

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50
SFP-10G-LRM=	10GBASE-LRM SFP+ module	1,295.00	906.50
SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter	150.00	105.00
SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	210.00	147.00
SFP-H10GB-CU5M	10GBASE-CU SFP+ Cable 5 Meter	260.00	182.00

#### 1 GB SFP Optics

GLC-SX-MMD=	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	500.00	350.00
GLC-LH-SMD=	1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
GLC-BX-D=	1000BASE-BX SFP, 1490NM	1,300.00	910.00
GLC-BX-U=	1000BASE-BX SFP, 1310NM	1,300.00	910.00

#### Spare Fans

C4KX-FAN-R=	Catalyst 4500X front to back cooling fan spare	250.00	175.00
C4KX-FAN-F=	Catalyst 4500X back to front cooling fan spare	250.00	175.00

#### Spare Power Supplies - AC

C4KX-PWR-750AC-F	Catalyst 4500-X 750W AC Back-to- Front Cooling Power Supply	2,000.00	1,400.00
C4KX-PWR-750AC-R	Catalyst 4500-X 750W AC Front-to-Back Cooling Power Supply	2,000.00	1,400.00

#### Spare Power Supplies - DC

C4KX-PWR-750DC-F	Catalyst 4500-X 750W DC Back-to- Front Cooling Power Supply	3,000.00	2,100.00
C4KX-PWR-750DC-R	Catalyst 4500-X 750W DC Front-to-Back Cooling Power Supply	3,000.00	2,100.00

#### USB Option

USB-X45-4GB-E	Catalyst 4500 4GB USB device for Sup7-E	500.00	350.00
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#### SD Upgrade Option

SD-X45-2GB-E	Catalyst 4500 2GB SD Memory Card for Sup7-E	500.00	350.00
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#### Spare Power Cable

CAB-US515-C15-US=	NEMA 5-15 to IEC-C15 8ft US	40.00	28.00
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**Mode Conditioning Patch Cables**

CAB-GELX-625=	Gigabit Ethernet MMF Conditioning Cable (3 m - 62.5 micron - SC to SC)	500.00	350.00
CAB-MCP50-SC=	Mode Conditioning Patch Cable (1 m - 50 micron - SC to SC)	500.00	350.00
CAB-MCP-LC=	Mode Conditioning Patch Cable (1 m - 62.5 micron - SC to LC)	500.00	350.00

**10 Meter Single and Multimode Jumper Cables**

CSS5-CABLX-LCSC=	10-Meter Fiber Single Mode LX LC-to-SC Connectors	445.00	311.50
CSS5-CABSX-LC=	10-Meter Fiber Multimode SX LC Connectors	395.00	276.50
CSS5-CABSX-LCSC=	10-Meter Fiber Multimode SX LC-to-SC Connectors	395.00	276.50

**Spare Console Kit**

CAB-CON-C4K-RJ45=	Console Cable 6ft with RJ-45-to-RJ-45	30.00	21.00
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## Cisco Catalyst 4500 Series

Cisco® Catalyst® 4500 Series Switches deliver secure, flexible, non-stop communications with exceptional investment protection. Catalyst 4500 switches are optimized for collaboration applications in the wiring closet with high availability and are PoEP-ready (up to 30W). PoEP-ready line cards and 10G uplinks are a standard on the Catalyst 4500 E-Series platform allowing customers to future proof their network and protect the investment. Cisco Catalyst 4500 Series Switches provide scalable nonblocking Layer 2-4 switching with secure, flexible, nonstop communications, enabling business resilience for enterprises, small and medium-sized businesses (SMBs), and Metro Ethernet customers deploying business-critical applications. The Cisco Catalyst 4500 delivers predictable and scalable high performance, with advanced dynamic quality-of-service (QoS) capabilities and configuration flexibility for enterprise wiring closets and SMB access/core. Integrated resiliency features in both hardware and software maximize network availability, helping to ensure workforce productivity, profitability, and customer success. The Cisco Catalyst 4500's centralized, innovative, and flexible system design helps ensure smooth migration to wire-speed IPv6 and 10 Gigabit Ethernet. The flexibility, scalability, and forward and backward compatibility between generations of the Cisco Catalyst 4500 Series extend deployment life, providing exceptional investment protection and reducing the total cost of ownership.

The Cisco Catalyst 4500 Series includes four chassis options: Cisco Catalyst 4510R-E (10 slots), Cisco Catalyst 4507R-E (7 slots), Cisco Catalyst 4506-E (6 slots), and Cisco Catalyst 4503-E (3 slots). The Cisco Catalyst 4500 Series provides a common architecture, taking advantage of existing Cisco Catalyst 4000 Series line cards scaling up to 388 Ethernet ports. Offering compatibility with existing Cisco Catalyst 4000 and 4500 Series line cards, the Cisco Catalyst 4500 E Series extends its window of deployment in converged networks. The Cisco Catalyst 4500 Series includes E-series supervisor engine and line cards and "classic" supervisor engines and line cards. The E-Series supervisor engines and line cards provide many enhancements, including 24 gigabits of switching capacity per line-card slot and aggregate forwarding performance of 250 million pps. Classic supervisors and line cards deliver 6 gigabits of switching capacity per line-card slot and forwarding performance up to 102 million pps.

You can learn more about the Cisco Catalyst 4500 Series Switches on Cisco's website at the following URL:  
<http://www.cisco.com/go/4500>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>Chassis</b>			
WS-C4503-E	Cat4500 E-Series 3-Slot Chassis, fan, no ps	995.00	696.50
WS-C4506-E	Cat4500 E-Series 6-Slot Chassis, fan, no ps	4,995.00	3,496.50
WS-C4507R-E	Cat4500 E-Series 7-Slot Chassis, fan, no ps, Red Sup Capable	9,995.00	6,996.50
WS-C4510R-E	Cat4500 E-Series 10-Slot Chassis, fan, no ps, Red Sup Capable	12,495.00	8,746.50
WS-C4507R+E	Catalyst4500E 7 slot chassis for 48Gbps/slot	6,995.00	4,896.50
WS-C4510R+E	Catalyst 4500E 10 slot chassis for 48Gbps/slot	9,995.00	6,996.50
<b>E-Series Bundles</b>			
WS-C4503E-S6L-48V+	4503-E Chassis, One WS-X4648-RJ45V+E, Sup6L-E	11,000.00	7,700.00
WS-C4506E-S6L-96V+	4506-E Chassis, TwoWS-X4648-RJ45V+E, Sup6L-E	18,000.00	12,600.00
WS-C4506E-S6L-2800	4506-E Chassis, TwoWS-X4648-RJ45V+E, Sup6L-E, 2800W PS	19,995.00	13,996.50
WS-C4506E-S6L-4200	4506-E Chassis, Two WS-X4648-RJ45V+E, Sup6L-E, 4200W PS	20,995.00	14,696.50
WS-C4507RES6L-96V+	4507-E Chassis, TwoWS-X4648-RJ45V+E, Sup6L-E	22,000.00	15,400.00
WS-C4507RES6L+96V+	4507R+E Chassis, TwoWS-X4648-RJ45V+E, Sup6L-E	22,000.00	15,400.00
WS-C4510RE-S6-96V+	4510-E Chassis, TwoWS-X4648-RJ45V+E, Sup6-E	30,000.00	21,000.00
WS-C4503E-S6L-1300	4503-E Chassis, One WS-X4648-RJ45V+E, Sup6L-E, 1300W PS	11,995.00	8,396.50
WS-C4506E-S6L-1300	4506-E Chassis, Two WS-X4648-RJ45V+E, Sup6L-E, 1300W PS	18,995.00	13,296.50
WS-C4510RE-S7+96V+	4510R+E Chassis, Two WS-X4748-RJ45V+E, Sup7-E	33,000.00	23,100.00
WS-C4503E-S7L+48V+	4503-E Chassis, One WS-X4648-RJ45V+E, Sup7L-E, LAN Base	11,000.00	7,700.00
WS-C4506E-S7L+96V+	4506-E Chassis, two WS-X4648-RJ45V+E, Sup7L-E, LAN Base	18,000.00	12,600.00
WS-C4507RE+96V+	WS-C4507R+E Chassis, two WS-X4648-RJ45V+E, Sup7L-E, LAN Base	22,000.00	15,400.00

**Supervisor Engines and Options**

WS-X45-SUP7-E	Catalyst 4500 E-Series Supervisor, 848Gbps	19,995.00	13,996.50
WS-X45-SUP7-E/2	Catalyst 4500 E-Series Supervisor, 848Gbps (secondary)	19,995.00	13,996.50
WS-X45-SUP7L-E	Catalyst 4500 E-Series Supervisor LE, 520Gbps	11,995.00	8,396.50
WS-X45-SUP7L-E/2	Catalyst 4500 E-Series Supervisor LE, 520Gbps (secondary)	11,995.00	8,396.50
WS-X45-SUP6-E	Catalyst 4500 E-Series Sup 6-E, 2x10GE(X2) w/ Twin Gig	19,995.00	13,996.50
WS-X45-SUP6-E/2	Catalyst 45xxR E-Series Sup 6-E, 2x10GE(X2) w/ Twin Gig (secondary)	19,995.00	13,996.50
WS-X45-SUP6L-E	Catalyst 4500 E-Series Sup 6-E Lite, 2x10GE(X2) w/ Twin Gig	11,995.00	8,396.50
WS-X45-SUP6L-E/2	Catalyst 4500 E-Series Sup 6-E Lite, 2x10GE(X2) w/ Twin Gig (secondary)	11,995.00	8,396.50

**10 Gigabit Ethernet Linecards**

WS-X4606-X2-E	Catalyst 4500 E-Series 6-Port 10GbE (X2)	15,000.00	10,500.00
WS-X4712-SFP+E	Catalyst 4500 E-Series 12-Port 10GbE (SFP+)	26,995.00	18,896.50

**10/100 Linecards**

WS-X4148-RJ	Catalyst 4500 10/100 Auto Module, 48-Ports (RJ-45)	4,495.00	3,146.50
WS-X4248-RJ45V	Catalyst 4500 PoE 802.3af 10/100, 48-Ports (RJ45)	6,495.00	4,546.50

**10/100/1000 Linecards**

WS-X4648-RJ45V+E	Catalyst 4500 E-Series 48-Port Premium PoE 10/100/1000	7,495.00	5,246.50
WS-X4648-RJ45V-E	Catalyst 4500 E-Series 48-Port PoE 802.3af 10/100/1000(RJ45)	5,495.00	3,846.50
WS-X4548-RJ45V+	Catalyst 4500 PoE+ Ready 10/100/1000, 48-Port (RJ45)	7,495.00	5,246.50
WS-X4748-RJ45V+E	Catalyst 4500E 48-Port PoE 802.3at 10/100/1000(RJ45)	8,995.00	6,296.50
WS-X4748-UPOE+E	Catalyst 4500E 48-Port UPOE 10/100/1000(RJ45)	8,995.00	6,296.50
WS-X4748-RJ45V-E	Catalyst 4500 E-Series 48-Port 10/100/1000	6,995.00	4,896.50

**100Base-X Linecards**

WS-X4248-FE-SFP	Catalyst 4500 48-Port 100BASE-X (SFPs Optional)	6,995.00	4,896.50
WS-X4148-FX-MT	Catalyst 4500 FE Switching Module, 48-100FX MMF(MTRJ)	15,995.00	11,196.50

**Gigabit Ethernet Linecards (Fiber)**

WS-X4306-GB	Catalyst 4500 Gigabit Ethernet Module, 6-Ports (GBIC)	2,995.00	2,096.50
WS-X4448-GB-SFP	Catalyst 4500 48-Port 1000Base-X (SFPs Optional)	16,495.00	11,546.50
WS-X4612-SFP-E	Catalyst 4500 E-Series 12-Port GE (SFP)	5,995.00	4,196.50
WS-X4624-SFP-E	Catalyst 4500 E-Series 24-Port GE (SFP)	20,000.00	14,000.00



## Optics (GBIC, SFP, X2)

### 10 GB SFP+ Optics

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50
SFP-10G-ER=	10GBASE-ER SFP+ Module	10,000.00	7,000.00
SFP-10G-LRM=	10GBASE-LRM SFP+ Module	1,295.00	906.50

### 10 GB X2 Optics

X2-10GB-CX4	10GBASE-CX4 X2 Module	600.00	420.00
X2-10GB-SR	10GBASE-SR X2 Module	1,995.00	1,396.50
X2-10GB-ER=	10GBASE-ER X2 Module	10,000.00	7,000.00
X2-10GB-LX4	10GBASE-LX4 X2 Module	2,995.00	2,096.50
X2-10GB-LR	10GBASE-LR X2 Module	4,000.00	2,800.00
X2-10GB-LRM=	10GBASE-LRM X2 Module	\$1,495.00	1,046.50
X2-10GB-ZR=	10GBASE-ZR X2 Module	\$16,000.00	11,200.00

### 10 GB SFP+ Link Assemblies

SFP-H10GB-CU1M=	10GBASE-CU SFP+ Cable 1 Meter	\$150.00	105.00
SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	\$210.00	147.00
SFP-H10GB-CU3M=	10GBASE-CU SFP+ Cable 3 Meter	\$210.00	147.00
SFP-H10GB-CU5M=	10GBASE-CU SFP+ Cable 5 Meter	\$260.00	182.00

### 1 GB SFP Optics

WS-G5483=	1000BASE-T GBIC	395.00	276.50
WS-G5484	1000BASE-SX Short Wavelength GBIC (Multimode only)	500.00	350.00
WS-G5486	1000BASE-LX/LH long haul GBIC (singlemode or multimode)	995.00	696.50
WS-G5487	1000Base-ZX extended reach GBIC(singlemode)	3,995.00	2,796.50
GLC-T	1000BASE-T SFP	395.00	276.50
GLC-T24	24 GLC-T SFP	9,480.00	6,636.00
GLC-SX-MM	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM	GE SFP, LC connector LX/LH transceiver	995.00	696.50
GLC-FE-100BX-D48	48 units of GLC-FE-100BX-D	9,100.00	6,370.00
GLC-FE-100BX-D	100BASE-BX10-D SFP	450.00	315.00
GLC-FE-100BX-U	100BASE-BX10-U SFP	450.00	315.00
GLC-FE-100FX	100BASE-FX SFP for FE port	250.00	175.00
GLC-FE-100FX24	24 units of GLC-FE-100FX	4,500.00	3,150.00
GLC-FE-100FX48	48 units of GLC-FE-100FX	9,000.00	6,300.00
GLC-FE-100LX	100BASE-LX SFP for FE port	400.00	280.00
GLC-FE-100LX48	48 units of GLC-FE-100LX	13,000.00	9,100.00
GLC-BX-D	1000BASE-BX SFP, 1490NM	1,300.00	910.00
GLC-BX-U	1000BASE-BX SFP, 1310NM	1,300.00	910.00
GLC-ZX-SM=	1000BASE-ZX SFP	3,995.00	2,796.50

## Memory Options

MEM-X45-512MB-E	Catalyst 4500 512MB to 1GB SDRAM Upgrade for Sup6-E	4,800.00	3,360.00
MEM-X45-1GB-LE	Catalyst 4500 1GB SDRAM Upgrade for Sup6-LE	\$4,800.00	3,360.00
MEM-X45-1GB-LE=	Catalyst 4500 1GB SDRAM Upgrade for Sup6-LE	\$4,800.00	3,360.00
SD-X45-2GB-E	Catalyst 4500 2GB SD Memory Card for Sup7-E	\$500.00	350.00
SD-X45-2GB-E=	Catalyst 4500 2GB SD Memory Card for Sup7-E	\$500.00	350.00
USB-X45-4GB-E	Catalyst 4500 4GB USB device for Sup7-E	\$500.00	350.00
USB-X45-4GB-E=	Catalyst 4500 4GB USB device for Sup7-E	\$500.00	350.00
MEM-C4K-FLD64M	Cat 4500 IOS-based Supervisor, Compact Flash, 64MB Option	400.00	280.00
MEM-C4K-FLD128M	Cat 4500 IOS-based Supervisor, Compact Flash, 128MB Option	700.00	490.00
MEM-C4K-256-SDRAM=	256 DIMM DRAM for Supervisor II-Plus-10GE	2,000.00	1,400.00
MEMC4K-512D-SDRAM=	512 DIMM DRAM for Supervisor II-Plus-10GE and V-10GE	3,500.00	2,450.00

## Power Supplies

PWR-C45-6000ACV	Catalyst 4500 6000W AC dual input Power Supply (Data + PoE)	3,995.00	2,796.50
PWR-C45-6000ACV/2	Catalyst 4500 6000W AC dual input Power Supply (Data + PoE)	3,995.00	2,796.50
PWR-C45-4200ACV	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	3,995.00	2,796.50
PWR-C45-4200ACV/2	Catalyst 4500 4200W AC dual input Power Supply (Data + PoE)	3,995.00	2,796.50
PWR-C45-2800ACV	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1,995.00	1,396.50
PWR-C45-2800ACV/2	Catalyst 4500 2800W AC Power Supply (Data and PoE)	1,995.00	1,396.50
PWR-C45-1300ACV	Catalyst 4500 1300W AC Power Supply (Data and PoE)	1,495.00	1,046.50
PWR-C45-1300ACV/2	Catalyst 4500 1300W AC Power Supply (Data and PoE)	1,495.00	1,046.50
PWR-C45-1400DC-P	Catalyst 4500 1400W DC Power Supply w/Int PEM	1,745.00	1,221.50
PWR-C45-1400DC-P/2	Catalyst 4500 1400W DC Power Supply Redundant w/Int PEM	1,745.00	1,221.50
PWR-C45-1400AC	Catalyst 4500 1400W AC Power Supply (Data Only)	1,495.00	1,046.50
PWR-C45-1400AC/2	Catalyst 4500 1400W AC Power Supply Redundant(Data Only)	1,495.00	1,046.50
PWR-C45-1000AC	Catalyst 4500 1000W AC Power Supply (Data Only)	995.00	696.50
PWR-C45-1000AC/2	Catalyst 4500 1000W AC Power Supply Redundant(Data Only)	995.00	696.50
PWR-C45-1400DC	C4500 1400W DC Triple Input SP Power Supply-data only	1,745.00	1,221.50
PWR-C45-1400DC/2	C4500 1400W DC Triple Input SP Power Supply-data only	1,745.00	1,221.50

Supervisor Cisco IOS (Supervisor Software)			
S45ELB-12253SG	Cisco CAT4500E IOS LAN BASE W/O CRYPTO	\$0.00	0.00
S45ELBK9-12253SG	Cisco CAT4500E IOS LAN BASE SSH	\$0.00	0.00
S45EIPB-12253SG	Cisco CAT4500E IOS IP BASE W/O CRYPTO	\$0.00	0.00
S45EIPBK9-12253SG	Cisco CAT4500E IOS IP BASE SSH	\$0.00	0.00
S45EES-12253SG	Cisco CAT4500E IOS ENTERPRISE SERVICES W/O CRYPTO	\$9,995.00	6,996.50
S45EESK9-12253SG	Cisco CAT4500E IOS ENTERPRISE SERVICES SSH	\$9,995.00	6,996.50
S45EIBUK9-12253SG	Cisco CAT4500E IOS IP BASE UPGRADE SSH	\$10,000.00	7,000.00
S45EIPBU-12253SG	Cisco CAT4500E IOS IP BASE UPGRADE W/O CRYPTO	\$10,000.00	7,000.00
S45EESU-12253SG	Cisco CAT4500E IOS ENTERPRISE SERVICES UPGRADE W/O CRYPTO	\$20,000.00	14,000.00
S45EESUK9-12253SG	Cisco CAT4500E IOS ENTERPRISE SERVICES UPGRADE SSH	\$20,000.00	14,000.00
S45LB-12253SG	Cisco CAT4500 IOS LAN BASE W/O CRYPTO	\$0.00	0.00
S45LBK9-12253SG	Cisco CAT4500 IOS LAN BASE SSH	\$0.00	0.00
S45IPB-12253SG	Cisco CAT4500 IOS IP BASE W/O CRYPTO	\$0.00	0.00
S45IPB-12253SG=	Cisco CAT4500 IOS IP BASE W/O CRYPTO	\$300.00	210.00
S45IPBK9-12253SG	Cisco CAT4500 IOS IP BASE SSH	\$0.00	0.00
S45IPBK9-12253SG=	Cisco CAT4500 IOS IP BASE SSH	\$300.00	210.00
S45IPBU-12253SG	Cisco CAT4500 IOS IP BASE UPGRADE W/O CRYPTO	\$10,000.00	7,000.00
S45IPBUK9-12253SG	Cisco CAT4500 IOS IP BASE UPGRADE SSH	\$10,000.00	7,000.00
S45ES-12253SG	Cisco CAT4500 IOS ENTERPRISE SERVICES W/O CRYPTO	\$9,995.00	6,996.50
S45ESK9-12253SG	Cisco CAT4500 IOS ENTERPRISE SERVICES SSH	\$9,995.00	6,996.50
S45EIPB-12254SG	Cisco CAT4500E IOS IP BASE W/O CRYPTO	\$0.00	0.00
S45EIPB-12254SG=	Cisco CAT4500E IOS IP BASE W/O CRYPTO	\$300.00	210.00
S45EIPBK9-12254SG	Cisco CAT4500E IOS IP BASE SSH	\$0.00	0.00
S45EIPBK9-12254SG=	Cisco CAT4500E IOS IP BASE SSH	\$300.00	210.00
S45EIPBU-12254SG	Cisco CAT4500E IOS IP BASE UPGRADE W/O CRYPTO	\$10,000.00	7,000.00
S45EIBUK9-12254SG	Cisco CAT4500E IOS IP BASE UPGRADE SSH	\$10,000.00	7,000.00
S45EES-12254SG	Cisco CAT4500E IOS ENTERPRISE SERVICES W/O CRYPTO	\$9,995.00	6,996.50
S45EESK9-12254SG	Cisco CAT4500E IOS ENTERPRISE SERVICES SSH	\$9,995.00	6,996.50
S45EESU-12254SG	Cisco CAT4500E IOS ENTERPRISE SERVICES UPGRADE W/O CRYPTO	\$20,000.00	14,000.00
S45EESUK9-12254SG	Cisco CAT4500E IOS ENTERPRISE SERVICES UPGRADE SSH	\$20,000.00	14,000.00
S45IPB-12254SG	Cisco CAT4500 IOS IP BASE W/O CRYPTO	\$0.00	0.00
S45IPBK9-12254SG	Cisco CAT4500 IOS IP BASE SSH	\$0.00	0.00
S45LB-12254SG	Cisco CAT4500 IOS LAN BASE W/O CRYPTO	\$0.00	0.00
S45LBK9-12254SG=	Cisco CAT4500 IOS LAN BASE SSH	\$100.00	70.00
S45ES-12254SG	Cisco CAT4500 IOS ENTERPRISE SERVICES W/O CRYPTO	\$9,995.00	6,996.50
S45ESK9-12254SG	Cisco CAT4500 IOS ENTERPRISE SERVICES SSH	\$9,995.00	6,996.50
S45EIPB-15002SG	Cisco CAT4500E IOS IP BASE W/O CRYPTO	\$0.00	0.00
S45EIPB-15002SG=	Cisco CAT4500E IOS IP BASE W/O CRYPTO	\$300.00	210.00
S45EIPBK9-15002SG	Cisco CAT4500E IOS IP BASE SSH	\$0.00	0.00
S45EIPBK9-15002SG=	Cisco CAT4500E IOS IP BASE SSH	\$300.00	210.00
S45EIPBU-15002SG	Cisco CAT4500E IOS IP BASE UPGRADE W/O CRYPTO	\$10,000.00	7,000.00
S45EIBUK9-15002SG	Cisco CAT4500E IOS IP BASE UPGRADE SSH	\$10,000.00	7,000.00
S45ELB-15002SG	Cisco CAT4500E IOS LAN BASE W/O CRYPTO	\$0.00	0.00
S45ELB-15002SG=	Cisco CAT4500E IOS LAN BASE W/O CRYPTO	\$100.00	70.00
S45ELBK9-15002SG	Cisco CAT4500E IOS LAN BASE SSH	\$0.00	0.00
S45ELBK9-15002SG=	Cisco CAT4500E IOS LAN BASE SSH	\$300.00	210.00
S45EES-15002SG	Cisco CAT4500E IOS ENTERPRISE SERVICES W/O CRYPTO	\$9,995.00	6,996.50
S45EESK9-15002SG	Cisco CAT4500E IOS ENTERPRISE SERVICES SSH	\$9,995.00	6,996.50
S45EESU-15002SG	Cisco CAT4500E IOS ENTERPRISE SERVICES UPGRADE W/O CRYPTO	\$20,000.00	14,000.00
S45EESUK9-15002SG	Cisco CAT4500E IOS ENTERPRISE SERVICES UPGRADE SSH	\$20,000.00	14,000.00
S45IPB-15002SG	Cisco CAT4500 IOS IP BASE W/O CRYPTO	\$0.00	0.00
S45IPB-15002SG=	Cisco CAT4500 IOS IP BASE W/O CRYPTO	\$300.00	210.00
S45IPBK9-15002SG	Cisco CAT4500 IOS IP BASE SSH	\$0.00	0.00
S45IPBK9-15002SG=	Cisco CAT4500 IOS IP BASE SSH	\$300.00	210.00
S45IPBU-15002SG	Cisco CAT4500 IOS IP BASE UPGRADE W/O CRYPTO	\$10,000.00	7,000.00
S45IPBUK9-15002SG	Cisco CAT4500 IOS IP BASE UPGRADE SSH	\$10,000.00	7,000.00
S45LB-15002SG=	Cisco CAT4500 IOS LAN BASE W/O CRYPTO	\$100.00	70.00
S45LBK9-15002SG=	Cisco CAT4500 IOS LAN BASE SSH	\$100.00	70.00
S45ES-15002SG	Cisco CAT4500 IOS ENTERPRISE SERVICES W/O CRYPTO	\$9,995.00	6,996.50
S45ESK9-15002SG	Cisco CAT4500 IOS ENTERPRISE SERVICES SSH	\$9,995.00	6,996.50

S45EIPB-15102SG	Cisco CAT4500E IOS IP BASE W/O CRYPTO	\$0.00	0.00
S45EIPB-15102SG=	Cisco CAT4500E IOS IP BASE W/O CRYPTO	\$300.00	210.00
S45EIPBU-15102SG	Cisco CAT4500E IOS IP BASE UPGRADE W/O CRYPTO	\$10,000.00	7,000.00
S45EIPBU-15102SG=	Cisco CAT4500E IOS IP BASE UPGRADE W/O CRYPTO	\$10,000.00	7,000.00
S45EIPBK9-15102SG	Cisco CAT4500E IOS IP BASE SSH	\$0.00	0.00
S45EIPBK9-15102SG=	Cisco CAT4500E IOS IP BASE SSH	\$300.00	210.00
S45EIBUK9-15102SG	Cisco CAT4500E IOS IP BASE UPGRADE SSH	\$10,000.00	7,000.00
S45ELB-15102SG	Cisco CAT4500E IOS LAN BASE W/O CRYPTO	\$0.00	0.00
S45ELB-15102SG=	Cisco CAT4500E IOS LAN BASE W/O CRYPTO	\$100.00	70.00
S45ELBK9-15102SG	Cisco CAT4500E IOS LAN BASE SSH	\$0.00	0.00
S45ELBK9-15102SG=	Cisco CAT4500E IOS LAN BASE SSH	\$300.00	210.00
S45EES-15102SG	Cisco CAT4500E IOS ENTERPRISE SERVICES W/O CRYPTO	\$9,995.00	6,996.50
S45EES-15102SG=	Cisco CAT4500E IOS ENTERPRISE SERVICES W/O CRYPTO	\$9,995.00	6,996.50
S45EESU-15102SG	Cisco CAT4500E IOS ENTERPRISE SERVICES UPGRADE W/O CRYPTO	\$20,000.00	14,000.00
S45EESU-15102SG=	Cisco CAT4500E IOS ENTERPRISE SERVICES UPGRADE W/O CRYPTO	\$20,000.00	14,000.00
S45EESK9-15102SG	Cisco CAT4500E IOS ENTERPRISE SERVICES SSH	\$9,995.00	6,996.50
S45EESUK9-15102SG	Cisco CAT4500E IOS ENTERPRISE SERVICES UPGRADE SSH	\$20,000.00	14,000.00
S45U-31-01XO	CAT4500e SUP7e Universal Image	\$0.00	0.00
S45UK9-31-01XO	CAT4500e SUP7e Universal Crypto Image	\$0.00	0.00
S45U-32-1502XO	CAT4500e SUP7le Universal Image	\$0.00	0.00
S45UK9-32-1502XO	CAT4500e SUP7le Universal Crypto Image	\$0.00	0.00
S45U-32-1502SG	CAT4500e SUP7e Universal Image	\$0.00	0.00
S45UK9-32-1502SG	CAT4500e SUP7e Universal Crypto Image	\$0.00	0.00
S45EU-33-1511SG	CAT4500e SUP7-E/SUP7L-E Universal Image	\$0.00	0.00
S45EUK9-33-1511SG	CAT4500e SUP7-E/SUP7L-E Universal Crypto Image	\$0.00	0.00
S45EUN-33-1511SG	CAT4500e SUP7-E/SUP7L-E Universal No MACSEC Image	\$0.00	0.00
S45EU-34-1512SG	CAT4500e SUP7-E/SUP7L-E Universal Image	\$0.00	0.00
S45EUK9-34-1512SG	CAT4500e SUP7-E/SUP7L-E Universal Crypto Image	\$0.00	0.00
S45EUN-34-1512SG	CAT4500e SUP7-E/SUP7L-E Universal No MACSEC Image	\$0.00	0.00

#### Supervisor Software License Non-Standard

FR-IRC4	Catalyst 4500 Sup IV/V InterDomain Routing License (BGP)	5,000.00	3,500.00
WS-C4510R-EMS-LIC	Catalyst 4510R RMON Agent License	1,890.00	1,323.00
WS-C4507R-EMS-LIC	Catalyst 4507R RMON Agent License	1,390.00	973.00
WS-C4506-EMS-LIC	Catalyst 4506 RMON Agent License	1,390.00	973.00
WS-C4503-EMS-LIC	Catalyst 4503 RMON Agent License	695.00	486.50
FR45-ISSU-LIC	Catalyst 4500 In Service Software Upgrade license	4,995.00	3,496.50
FR45-ISSU-POE-LIC	Cat4500 ISSU PoE promo. license needs dual sup+48PoEports	0.00	0.00

#### Fan Trays

WS-X4593-E=	Catalyst 4503-E Fan Tray (Spare)	495.00	346.50
WS-X4596-E=	Catalyst 4506-E Fan Tray (Spare)	495.00	346.50
WS-X4597-E=	Catalyst 4507R-E Fan Tray (Spare)	495.00	346.50
WS-X4582-E=	Catalyst 4510R-E Fan Tray (Spare)	495.00	346.50
WS-X4597+E=	Catalyst 4507R+E Fan Tray (Spare)	495.00	346.50
WS-X4582+E=	Catalyst 4510R+E Fan Tray (Spare)	495.00	346.50
WS-X4K-CLOCK-E=	Catalyst 4507R-E/4510R-E Clock Module (Spare)	895.00	626.50
WS-X4590-E=	Catalyst 4507R-E/4510R-E Fabric Redundancy Module	495.00	346.50
WS-X4590=	Catalyst 4507R/4510R Fabric Redundancy Module	295.00	206.50

#### Rack Mount Kits / Slot Covers

WS-X4598=	Catalyst 4510R 23 inch Rackmount	125.00	87.50
WS-X4581=	Catalyst 4510R 19 inch Rackmount	95.00	66.50
WS-X4583=	Catalyst 4503 19 Inch Rackmount	95.00	66.50
WS-X4584=	Catalyst 4503 23 Inch Rackmount	125.00	87.50
WS-X4585=	Catalyst 4506 19 Inch Rackmount	95.00	66.50
WS-X4586=	Catalyst 4506 23 Inch Rackmount	125.00	87.50
WS-X4587=	Catalyst 4507R 19 Inch Rackmount	95.00	66.50
WS-X4588=	Catalyst 4507R 23 Inch Rackmount	125.00	87.50
WS-X4503-23CNTR=	C4503 Center Mount 23 Inch Rack Kit L/R	250.00	175.00
WS-X4503-FILTER=	C4503 Center Mount 23 Inch Filter (1 Set)	125.00	87.50
WS-X4506-23CNTR=	C4506 Center Mount 23 Inch Rack Kit L/R	250.00	175.00
WS-X4506-FILTER=	C4506 Center Mount 23 Inch Filter (1 Set)	125.00	87.50
WS-X4507-23CNTR=	C4507R Center Mount 23 Inch Rack Kit L/R	325.00	227.50
WS-X4507-FILTER=	C4507R Center Mount 23 Inch Filter (1 Set)	125.00	87.50
WS-X4510-23CNTR=	C4510R Center Mount 23 Inch Rack Kit L/R	375.00	262.50
WS-X4510-FILTER=	C4510R Center Mount 23 Inch Filter (1 Set)	125.00	87.50
C4K-SLOT-CVR=	Catalyst 4000 Family Slot Cover (Spare)	50.00	35.00
C4K-SLOT-CVR-E	Catalyst 4500 E-Series Family Slot Cover	0.00	0.00
C4K-UPLINK-CVR	Catalyst 4000 UPLINK COVER	49.00	34.30

### Power Cables

CAB-AC-2800W-INT	International Power Cord	0.00	0.00
CAB-AC-2800W-INT=	International Power Cord	45.00	31.50
CAB-AC-2800W-TWLK	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	0.00	0.00
CAB-AC-2800W-TWLK=	U.S. Power Cord, Twist Lock, NEMA 6-20 Plug	45.00	31.50
CAB-AC-2800W-6-20	Non-locking NEMA Cord For The 2800WAC PS	0.00	0.00
CAB-AC-2800W-6-20=	Non-Locking NEMA Cord For The 2800WAC PS	45.00	31.50
CAB-4502AC-US	L6-20 AC Power cord for PWR-4502 (North America)	45.00	31.50
CAB-4502AC-US=	AC Power cord for PWR-4502 (North America)	45.00	31.50
CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 13ft US	0.00	0.00
CAB-US515P-C19-US=	NEMA 5-15 to IEC-C19 13ft US	45.00	31.50
CAB-US620P-C19-US	NEMA 6-20 to IEC-C19 13ft US	0.00	0.00
CAB-US620P-C19-US=	NEMA 6-20 to IEC-C19 13ft US	45.00	31.50
CAB-L620P-C19-US	NEMA L6-20 to IEC-C19 14ft US	0.00	0.00
CAB-L620P-C19-US=	NEMA L6-20 to IEC-C19 14ft US	45.00	31.50

### SMARTnet Maintenance

CON-SNT-C4503E	SMARTNET 8X5XNBD Cat4500 E-Series 3-Slot Chassis fan no p	1,764.00	1,764.00
CON-SNTP-C4503E	SMARTNET 24X7X4 Cat4500 E-Series 3-Slot Chassis fan no p	2,822.00	2,822.00
CON-SNT-C4506E	SMARTNET 8X5XNBD Cat4500 E-Series 6-Slot Chassis, fan, no	1,848.00	1,848.00
CON-SNTP-C4506E	SMARTNET 24X7X4 Cat4500 E-Series 6-Slot Chassis, fan, no	2,957.00	2,957.00
CON-SNT-C4507RE	SMARTNET 8X5XNBD WS-C4507R-E	2,770.00	2,770.00
CON-SNTP-C4507RE	SMARTNET 24X7X4 WS-C4507R-E	4,432.00	4,432.00
CON-SNT-C4510RE	SMARTNET 8X5XNBD WS-C4510R-E	5,114.00	5,114.00
CON-SNTP-C4510RE	SMARTNET 24X7X4 WS-C4510R-E	8,182.00	8,182.00

### Catalyst 4500-E Software Activation licenses

C4500E-LB	License for Lan Base	0.00	0.00
C4500E-IPB	Paper IP Base License	0.00	0.00
C4500E-LIC=	Base License	0.00	0.00
C4500E-LB-IPB	Lan Base to IP Base license	9,995.00	9,995.00
C4500E-LB-ES	Lan Base to Enterprise Services paper license	19,995.00	19,995.00
C4500E-IP-ES	Paper IP to Ent Services License	9,995.00	9,995.00
C4500E-LIC-PAK	PAK license SKU for spare sup configuration	0.00	0.00
C4500E-IP-ES-S	C4500E IP to ES license for spare Sup config	9,995.00	9,995.00
C4500E-IPB-S	Catalyst 4500E IPB license for Spare Supervisor	0.00	0.00
L-C4500E-LIC=	Base PID for Licensing on the cat4500	0.00	0.00
L-C4500E-LB-IP	Catalyst 4500E LAN Base to IP Base software upgrade license	9,995.00	9,995.00
L-C4500E-IP-ES	Catalyst 4500E IP Base to Enterprise Services software upgra	9,995.00	9,995.00
L-C4500E-LB-ES	Catalyst 4500E LAN Base to Enterprise Services software upgr	19,995.00	19,995.00

## Cisco Catalyst 6500 Series

The Cisco® Catalyst® 6500 and 6500-E Series sets the new standard for IP Communications and application delivery in enterprise campus and service provider networks by maximizing user productivity and enhancing operational control. As the premier intelligent, multilayer modular Cisco switch, the Catalyst 6500 Series delivers secure, converged, end-to-end services, from the wiring closet to the core network, the data center, and the WAN edge. The 6500-E series switches offer enhancements to scale beyond the 4000W of total system capacity except for 6513. The 6513 can support up to 6000W of power. Ideal for enterprises and service providers seeking to reduce total cost of ownership (TCO), the Cisco Catalyst 6500 Series provides unprecedented investment protection and delivers scalable performance and port density across several chassis configurations and LAN, WAN, and metropolitan-area network interfaces. Available in 3-, 6-, 9-, and 13-slot chassis, Catalyst 6500 Series switches feature an unparalleled range of integrated services modules, including multigigabit network security, content switching, telephony, and network analysis modules.

Through a forward-thinking architecture that uses a common set of modules and OS software across all Cisco Catalyst 6500 Series chassis, the Catalyst 6500 Series delivers a high level of operational consistency that optimizes IT infrastructure usage and enhances return on investment (ROI). From 48-port to 576-port 10/100/1000 or from 1152-port 10/100 Ethernet wiring closets to 400 million packets per second (mpps) network cores supporting up to 192 1-Gbps or 32 10-Gbps trunks, the Catalyst 6500 Series provides an optimal platform that maximizes network uptime with stateful failover capability between redundant routing and forwarding engines. With numerous industry-leading features, the Cisco Catalyst 6500 Series supports three generations of modules that continue to demonstrate the value of the Catalyst 6500 Series and the commitment of Cisco Systems® to innovation. The new generation of Catalyst 6500 Series modules and Catalyst 6500 Series Supervisor Engine 720 devices incorporate 11 new application-specific integrated circuits (ASICs)-extending Cisco's leadership in networking while providing unparalleled investment protection.

You can learn more about the Cisco Catalyst 6500 Series Switches on Cisco's website at the following URL:  
<http://www.cisco.com/go/6500>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>Chassis</b>			
WS-C6503-E	Catalyst 6500 Enhanced 3-slot chassis,4RU,no PS,no Fan Tray	2,500.00	1,750.00
WS-C6504-E	Catalyst 6500 Enhanced 4-slot chassis,5RU,no PS,no Fan Tray	3,000.00	2,100.00
WS-C6506-E	Catalyst 6500 Enhanced 6-slot chassis,12RU,no PS,no Fan Tray	5,500.00	3,850.00
WS-C6509-E	Catalyst 6500 Enhanced 9-slot chassis,15RU,no PS,no Fan Tray	9,500.00	6,650.00
WS-C6509-V-E	Catalyst 6500 Enhanced 9-slot Chassis (Vertical), No PS, Fan	9,995.00	6,996.50
WS-C6513-E	Enh C6513 Chassis, 13slot, 19RU, No Pow Supply, No Fan Tray	16,000.00	11,200.00
<b>Supervisor Engines</b>			
VS-S2T-10G	Cat 6500 Supervisor 2T with 2 ports 10GbE and MSFC5 PFC4	28,000.00	19,600.00
VS-S2T-10G-XL	Catalyst 6500 Supervisor 2T 80G System XL	38,000.00	26,600.00
VS-F6K-PFC3CXL=	Catalyst 6500 Sup720-10G Policy Feature Card 3CXL	12,000.00	8,400.00
VS-F6K-PFC4XL=	Cat 6500 Policy Feature Card 4 XL S	20,000.00	14,000.00
VS-S720-10G-3C	Cat 6500 Supervisor 720 with 2 ports 10GbE and MSFC3 PFC3C	38,000.00	26,600.00
VS-S720-10G-3CXL	Cat 6500 Supervisor 720 with 2 ports 10GbE MSFC3 PFC3C XL	48,000.00	33,600.00
WS-SUP720-3BXL	Catalyst 6500/Cisco 7600 Supervisor 720 Fabric MSFC3 PFC3BXL	50,000.00	35,000.00
WS-SUP720-3B	Catalyst 6500/Cisco 7600 Supervisor 720 Fabric MSFC3 PFC3B	33,000.00	23,100.00
<b>40 Gigabit Ethernet Linecards</b>			
WS-X6904-40G-2T	Catalyst 6900 Series 4-port 40G/16-port 10G Fiber Mod DFC4 21 days	36,000.00	25,200.00
WS-X6904-40G-2TXL	Catalyst 6900 Series 4-port 40G/16-port 10G Fiber Mod DFC4XL 21 days	46,000.00	32,200.00

10 Gigabit Ethernet Linecards			
WS-X6716-10G-3CXL	Catalyst 6500 16 port 10 Gigabit Ethernet w/ DFC3CXL(req X2)	47,500.00	33,250.00
WS-X6716-10G-3C	Catalyst 6500 16 port 10 Gigabit Ethernet w/ DFC3C (req X2)	40,000.00	28,000.00
WS-X6716-10T-3C	Catalyst 6500 16-port 10GbE 10GBASE-T module w/DFC3	22,500.00	15,750.00
WS-X6716-10T-3CXL	Catalyst 6500 16-port 10GbE 10GBASE-T module w/DFC3XL	30,000.00	21,000.00
WS-X6708-10G-3C	C6K 8 port 10 Gigabit Ethernet module with DFC3C (req. X2)	37,500.00	26,250.00
WS-X6708-10G-3CXL	C6K 8 port 10 Gigabit Ethernet module with DFC3CXL (req. X2)	45,000.00	31,500.00
WS-X6704-10GE	Cat6500 4-port 10 Gigabit Ethernet Module (req. XENPAKs)	20,000.00	14,000.00
WS-X6908-10G-2T	C6K 8 port 10 Gigabit Ethernet module with DFC4 (Trustsec)	40,000.00	28,000.00
WS-X6908-10G-2TXL	C6K 8 port 10 Gigabit Ethernet module with DFC4XL (Trustsec)	50,000.00	35,000.00
WS-X6816-10G-2T	16 Port 10G with DFC4	32,000.00	22,400.00
WS-X6816-10G-2TXL	16 Port 10G with DFC4XL	42,000.00	29,400.00
WS-X6816-10T-2T	Catalyst 6500 16-port 10GbE 10GBASE-T module w/DFC4	22,500.00	15,750.00
WS-X6816-10T-2TXL	16 Port 10G Ethernet Copper Module with DFC4XL	30,000.00	21,000.00
Gigabit Ethernet Linecards (Fiber)			
WS-X6724-SFP	Catalyst 6500 24-port GigE Mod: fabric-enabled (Req. SFPs)	15,000.00	10,500.00
WS-X6748-SFP	Catalyst 6500 48-port GigE Mod: fabric-enabled (Req. SFPs)	25,000.00	17,500.00
WS-X6824-SFP-2T=	Catalyst 6500 24-port GigE Mod: fabric-enabled with DFC4 S	15,000.00	10,500.00
WS-X6824-SFP-2TXL	Catalyst 6500 24-port GigE Mod: fabric-enabled with DFC4XL	25,000.00	17,500.00
WS-X6848-SFP-2TXL	Catalyst 6500 48-port GigE Mod: fabric-enabled with DFC4XL	35,000.00	24,500.00
WS-X6848-SFP-2T=	Catalyst 6500 48-port GigE: 80G Sys ( Req. SFPs) Spare	25,000.00	17,500.00
10/100/1000 Linecards			
WS-X6148A-GE-TX	Catalyst 6500 48-port 10/100/1000 w/Jumbo Frame, RJ-45	12,000.00	8,400.00
WS-X6148E-GE-45AT	Cat6500 48-Port PoE+ ready 10/100/1000 w/Jumbo Frame	10,000.00	7,000.00
WS-X6748-GE-TX	Cat6500 48-port 10/100/1000 GE Mod: fabric enabled, RJ-45	15,000.00	10,500.00
WS-X6848-TX-2T=	C6k 48-port 10/100/1000 GE Mod: fabric enabled RJ-45 DFC4 S	15,000.00	10,500.00
WS-X6848-TX-2TXL	C6k 48-port 10/100/1000 GE Mod: fabric enabled, RJ-45 DFC4XL	25,000.00	17,500.00
100 BASE-X Linecards			
WS-X6148-FE-SFP	Catalyst 6500 48 port 100Base-X module (require SFP)	9,000.00	6,300.00
Policy Feature Cards (PFC) / Distributed Forwarding Cards (DFC)			
WS-F6K-DFC4-A	Catalyst 6500 Dist Fwd Card DFC4	10,000.00	7,000.00
WS-F6K-DFC4-E	Catalyst 6500 Dist Fwd Card DFC4	10,000.00	7,000.00
WS-F6K-DFC4-AXL	Catalyst 6500 Dist Fwd Card DFC4XL	20,000.00	14,000.00
WS-F6K-DFC4-EXL	Catalyst 6500 Dist Fwd Card DFC4XL	20,000.00	14,000.00
WS-F6700-DFC3BXL	Catalyst 6500 Dist Fwd Card- 3BXL, for WS-X67xx	25,000.00	17,500.00
WS-F6700-DFC3B	Catalyst 6500 Dist Fwd Card, 256K Routes for WS-X67xx	12,500.00	8,750.00
WS-F6700-DFC3C=	Catalyst 6500 Dist Fwd Card for WS-X67xx modules	7,500.00	5,250.00
WS-F6700-DFC3CXL=	Catalyst 6500 Dist Fwd Card- 3CXL, for WS-X67xx	15,000.00	10,500.00
WS-F6K-PFC3BXL=	Sup720 PFC-3BXL Plus 2x1Gig Mem	17,000.00	11,900.00
WS-F6K-PFC3B=	Catalyst 6500 Sup720 Policy Feature Card-3B	6,000.00	4,200.00
FlexWAN Linecards / Optical Services Modules (OSM)			
WS-X6582-2PA	Cisco7600/Catalyst6500 Enhanced FlexWAN, Fabric-enabled	15,000.00	10,500.00
7600-SIP-200	Cisco 7600 Series SPA Interface Processor-200	18,000.00	12,600.00
7600-SIP-400	Cisco 7600 Series SPA Interface Processor-400	35,000.00	24,500.00
Fan Trays			
WS-C6503-E-FAN	Catalyst 6503-E Chassis Fan Tray	495.00	346.50
FAN-C6524=	Spare FanTray for Cisco ME6524 Switch	1,000.00	700.00
WS-C6506-E-FAN	Catalyst 6506-E Chassis Fan Tray	495.00	346.50
WS-C6509-E-FAN	Catalyst 6509-E Chassis Fan Tray	495.00	346.50
WS-C6K-13SLT-FAN2	High Speed Fan Tray for Catalyst 6513 / Cisco 7613	745.00	521.50
FAN-MOD-09	Fan Module for CISCO7609 and Catalyst WS-C6509-NEB-A	1,000.00	700.00
FAN-MOD-4HS=	High-Speed Fan Module for Cisco 7604/6504-E Chassis	500.00	350.00
WS-C6509-V-E-FAN=	Catalyst 6509-V-E Fan Tray	1,000.00	700.00
WS-C6K-13SLT-FAN2=	High Speed Fan Tray, Spare, for Catalyst 6513 / Cisco 7613	745.00	521.50
FAN-MOD-09=	Fan Mod CISCO7609 (2 required) / Cat6509-NEB-A (1 required)	1,000.00	700.00
WS-C6513-E-FAN=	Catalyst 6513-E Fan Tray	1,400.00	980.00

**Optics (GBIC, SFP, XENPAK, X2)**

GLC-FE-100FX	100BASE-FX SFP for FE port	250.00	175.00
GLC-FE-100LX	100BASE-LX SFP for FE port	400.00	280.00
GLC-FE-100BX-U	100BASE-BX10-U SFP	450.00	315.00
GLC-FE-100BX-D	100BASE-BX10-D SFP	450.00	315.00
GLC-FE-100EX	100BASE-EX SFP (40km)	595.00	416.50
GLC-FE-100ZX	100BASE-ZX SFP (80km)	1,195.00	836.50
GLC-LH-SM	GE SFP, LC connector LX/LH transceiver	995.00	696.50
GLC-SX-MM	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-ZX-SM	1000BASE-ZX SFP	3,995.00	2,796.50
GLC-T	1000BASE-T SFP	395.00	276.50
GLC-T24	24 GLC-T SFP	9,480.00	6,636.00
WS-G5483=	1000BASE-T GBIC	395.00	276.50
WS-G5484	1000BASE-SX Short Wavelength GBIC (Multimode only)	500.00	350.00
WS-G5486	1000BASE-LX/LH long haul GBIC (singlemode or multimode)	995.00	696.50
WS-G5487	1000Base-ZX extended reach GBIC(singlemode)	3,995.00	2,796.50
XENPAK-10GB-CX4	Cisco 10GBASE-CX4 XENPAK Module	600.00	420.00
XENPAK-10GB-ER+	10GBASE-ER XENPAK Module with DOM support	10,000.00	7,000.00
XENPAK-10GB-LR	10GBASE-LR XENPAK Module	4,000.00	2,800.00
XENPAK-10GB-LR+	10GBASE-LR XENPAK Module with DOM support	4,000.00	2,800.00
XENPAK-10GB-LX4	10GBASE-LX4 XENPAK Module	4,000.00	2,800.00
XENPAK-10GB-SR	10GBASE-SR XENPAK Module	3,000.00	2,100.00
XENPAK-10GB-ZR	10GBASE-ZR XENPAK Module	16,000.00	11,200.00
XENPAK-10GB-LW=	10GBASE-LW XENPAK Module	15,000.00	10,500.00
XENPAK-10GB-LRM	10G Base LRM Xenpak	1,495.00	1,046.50
X2-10GB-LRM	10GBASE-LRM X2 Module	1,495.00	1,046.50
X2-10GB-SR	10GBASE-SR X2 Module	1,995.00	1,396.50
X2-10GB-LR	10GBASE-LR X2 Module	4,000.00	2,800.00
X2-10GB-ER	10GBASE-ER X2 Module	10,000.00	7,000.00
X2-10GB-LX4	10GBASE-LX4 X2 Module	2,995.00	2,096.50
X2-10GB-CX4	10GBASE-CX4 X2 Module	600.00	420.00

**Rack Mount Kits / Slot Covers**

KIT-MNTG-CG-4=	Mounting Kit and Cable Guide For CISCO 7604 and 6504-E	95.00	66.50
WS-C6X06-RACK=	Catalyst 6x06 Rack Mount Kit and Cable Organizer, Spare	95.00	66.50
WS-C6X09-RACK=	Catalyst 6x09 Rack Mount Kit and Cable Organizer, Spare	125.00	87.50
WS-C6509-E-RACK=	Catalyst 6509-E Rack Mount Kit	95.00	66.50
WS-C6509-V-E-CM=	Catalyst 6509-V-E Chassis Cable Management	995.00	696.50
WS-C6509-V-E-FAN	Catalyst 6509-V-E Chassis Fan Tray	1,000.00	700.00
WS-C6513-RACK=	Catalyst 6513 Rack Mount Kit and Cable Organizer, Spare	195.00	136.50
WS-C6597=	Catalyst C6506/9(E and Non-E) 23in Center Rack Mount Kit	195.00	136.50
WS-6513-RACK-MNT=	23in Rack Mount Kit for 6513	195.00	136.50
KIT-MNTG-09=	Mounting Kit For CISCO7609/Cat6509-NEB-A chassis	195.00	136.50
CABLETRAY-09=	Cable Tray Assembly for CISCO7609/Cat6509-NEB-A	600.00	420.00
WS-X6K-SLOT-CVR=	Catalyst 6000 Blank Line Card Slot Cover	50.00	35.00
WS-X6K-SLOT-CVR-E=	Catalyst 6500 Enhanced chassis line card slot cover	50.00	35.00

**Removable Storage (Compact Flash)**

MEM-SUP2T-4GB	4G DRAM Memory Total for Sup2T and Sup2TXL (2G + 2G) - UPGR	4,800.00	3,360.00
MEM-C6K-CPTFL2GB	Catalyst 6500 Compact Flash Memory 2GB	1,295.00	906.50
MEM-C6K-CPTFL1GB	Catalyst 6500 Compact Flash Memory 1GB	1,095.00	766.50
MEM-C6K-CPTFL256M	Cat6500 Sup720/Sup32 Compact Flash Mem 256MB	900.00	630.00
MEM-C6K-CPTFL512M	Catalyst 6500 Sup720/Sup32 Compact Flash Mem 512MB	995.00	696.50
MEM-C6K-CPTFL128M	Cat6500 Sup720/Sup32 Compact Flash Mem 128MB	700.00	490.00
MEM-C6K-ATA-1-64M=	Cat6500 Sup2, ATA Type1 Flash Mem Card, 64MB Spare	400.00	280.00
WS-CF-UPG=	Catalyst 6500/Cisco 7600 Compact Flash Upg w/512MB	995.00	696.50

**AC Power Supplies**

PWR-1400-AC	1400W AC pwr/sup for CISCO7603 and Catalyst WS-C6503 chassis	745.00	521.50
PEM-20A-AC+	PwrEntryMod use w/1400W AC P/S for CISCO7603, WS-C6503	250.00	175.00
PWR-2700-AC/4	2700W AC Power Supply for Cisco 7604/6504-E	3,000.00	2,100.00
WS-CAC-3000W	Catalyst 6500 3000W AC power supply	3,000.00	2,100.00
WS-CAC-6000W	Cat6500 6000W AC Power Supply	5,000.00	3,500.00
WS-CAC-4000W-US	4000Watt AC Power Supply for US (cable attached)	5,000.00	3,500.00
WS-CAC-8700W-E	Catalyst 6500 8700W Enhanced AC Power Supply	7,000.00	4,900.00

**Supervisor 2T Cisco IOS (Supervisor Software)**

S2TIBK9-12250SY	Cisco CAT6000-VS-S2T IOS IP BASE FULL ENCRYPT	0.00	0.00
S2TIBK9N-12250SY	Cisco CAT6000-VS-S2T IOS IP BASE NPE	0.00	0.00
S2TISK9-12250SY	Cisco CAT6000-VS-S2T IOS IP SERV FULL ENCRYPT	10,000.00	7,000.00
S2TISK9N-12250SY	Cisco CAT6000-VS-S2T IOS IP SERV NPE	10,000.00	7,000.00
S2TAIK9-12250SY	Cisco CAT6000-VS-S2T IOS ADVANCED IP SERVICES FULL ENCRYP	15,000.00	10,500.00
S2TAIK9N-12250SY	Cisco CAT6000-VS-S2T IOS ADVANCED IP SERVICES NPE	15,000.00	10,500.00
S2TAEK9-12250SY	Cisco CAT6000-VS-S2T IOS ADV ENT SERV FULL ENCRYPT	25,000.00	17,500.00
S2TAEK9N-12250SY	Cisco CAT6000-VS-S2T IOS ADVANCED ENTERPRISE SERVICES NP	25,000.00	17,500.00
S2TIBK9-15001SY	Cisco CAT6000-VS-S2T IOS IP BASE FULL ENCRYPT	0.00	0.00
S2TIBK9N-15001SY	Cisco CAT6000-VS-S2T IOS IP BASE NPE	0.00	0.00
S2TISK9-15001SY	Cisco CAT6000-VS-S2T IOS IP SERV FULL ENCRYPT	10,000.00	7,000.00
S2TISK9N-15001SY	Cisco CAT6000-VS-S2T IOS IP SERV NPE	10,000.00	7,000.00
S2TAIK9-15001SY	Cisco CAT6000-VS-S2T IOS ADVANCED IP SERVICES FULL ENCRYPT	15,000.00	10,500.00
S2TAIK9N-15001SY	Cisco CAT6000-VS-S2T IOS ADVANCED IP SERVICES NPE	15,000.00	10,500.00
S2TAEK9-15001SY	Cisco CAT6000-VS-S2T IOS ADV ENT SERV FULL ENCRYPT	25,000.00	17,500.00
S2TAEK9N-15001SY	Cisco CAT6000-VS-S2T IOS ADVANCED ENTERPRISE SERVICES NPE	25,000.00	17,500.00

**Sup720 Cisco IOS (Supervisor Software)**

S733IS-12233SXI	Cisco CAT6000-SUP720 IOS IP SERVICES	0.00	0.00
S733ISK9-12233SXI	Cisco CAT6000-SUP720 IOS IP SERVICES SSH	0.00	0.00
S733ISK9L-12233SXI	Cisco CAT6000-SUP720 IOS IP SERVICES SSH LAN ONLY	0.00	0.00
S733ISK9M-12233SXI	Cisco CAT6000-SUP720 IOS IP SERVICES SSH (MODULAR)	0.00	0.00
S733ISK9N-12233SXI	Cisco CAT6000-SUP720 IOS IP SERVICES SSH LAN ONLY (MODULAR)	0.00	0.00
S733ISM-12233SXI	Cisco CAT6000-SUP720 IOS IP SERVICES (MODULAR)	0.00	0.00
S733AIK9-12233SXI	Cisco CAT6000-SUP720 IOS ADVANCED IP SERVICES SSH	10,000.00	7,000.00
S733AIK9L-12233SXI	Cisco CAT6000-SUP720 IOS ADVANCED IP SERVICES SSH LAN ONLY	10,000.00	7,000.00
S733AIK9M-12233SXI	Cisco CAT6000-SUP720 IOS ADVANCED IP SERVICES SSH (MODULAR)	10,000.00	7,000.00
S733AIK9N-12233SXI	Cisco CAT6000-SUP720 IOS ADVANCED IP SERVICES SSH LAN (MODU	10,000.00	7,000.00
S733AEK9-12233SXI	Cisco CAT6000-SUP720 IOS ADVANCED ENTERPRISE SERVICES SSH	15,000.00	10,500.00
S733AEK9L-12233SXI	Cisco CAT6000-SUP720 IOS ADV ENT SERV SSH LAN ONLY	15,000.00	10,500.00
S733AEK9M-12233SXI	Cisco CAT6000-SUP720 IOS ADVANCED ENT SERVICES SSH (MODULA	15,000.00	10,500.00
S733AEK9N-12233SXI	Cisco CAT6000-SUP720 IOS ADV ENT SERV SSH LAN ONLY (MODULAF	15,000.00	10,500.00
S733IS-12233SXJ	Cisco CAT6000-SUP720 IOS IP SERVICES	0.00	0.00
S733ISK9-12233SXJ	Cisco CAT6000-SUP720 IOS IP SERVICES SSH	0.00	0.00
S733ISK9C-12233SXJ	Cisco CAT6000-SUP720 IOS IP SERVICES SSH - DEFAULT	0.00	0.00
S733ISK9L-12233SXJ	Cisco CAT6000-SUP720 IOS IP SERVICES SSH LAN ONLY	0.00	0.00
S733AIK9-12233SXJ	Cisco CAT6000-SUP720 IOS ADVANCED IP SERVICES SSH	10,000.00	7,000.00
S733AIK9L-12233SXJ	Cisco CAT6000-SUP720 IOS ADV IP SERV SSH LAN ONLY	10,000.00	7,000.00
S733AES-12233SXJ	Cisco CAT6000-SUP720 IOS ADVANCED ENTERPRISE SERVICES	15,000.00	10,500.00
S733AEK9-12233SXJ	Cisco CAT6000-SUP720 IOS ADVANCED ENTERPRISE SERVICES SSH	15,000.00	10,500.00
S733AEK9L-12233SXJ	Cisco CAT6000-SUP720 IOS ADV ENT SERV SSH LAN ONLY	15,000.00	10,500.00

**Sup720 10G Cisco IOS (Supervisor Software)**

SV33ISK9C-12233SXI	Cisco CAT6000-VSS720 IOS IP SERVICES SSH - DEFAULT	0.00	0.00
SV33ISK9O-12233SXI	Cisco CAT6000-VSS720 IOS IP SERVICES SSH (MODULAR) - DEFAULT	0.00	0.00
SV33AIK9-12233SXI	Cisco CAT6000-VSS720 IOS ADVANCED IP SERVICES SSH	10,000.00	7,000.00
SV33AIK9L-12233SXI	Cisco CAT6000-VSS720 IOS ADV IP SERV SSH LAN ONLY	10,000.00	7,000.00
SV33AIK9M-12233SXI	Cisco CAT6000-VSS720 IOS ADVANCED IP SERVICES SSH (MODULAR)	10,000.00	7,000.00
SV33AIK9N-12233SXI	Cisco CAT6000-VSS720 IOS ADV IP SERV SSH LAN ONLY (MODULAR)	10,000.00	7,000.00
SV33AEK9-12233SXI	Cisco CAT6000-VSS720 IOS ADVANCED ENTERPRISE SERVICES SSH	15,000.00	10,500.00
SV33AEK9L-12233SXI	Cisco CAT6000-VSS720 IOS ADV ENT SERV SSH LAN ONLY	15,000.00	10,500.00
SV33AEK9M-12233SXI	Cisco CAT6000-VSS720 IOS ADVANCED ENT SERVICES SSH (MODULA	15,000.00	10,500.00
SV33AEK9N-12233SXI	Cisco CAT6000-VSS720 IOS ADV ENT SERV SSH LAN ONLY (MODULAR	15,000.00	10,500.00
SV33ISK9C-12233SXJ	Cisco CAT6000-VSS720 IOS IP SERVICES SSH - DEFAULT	0.00	0.00
SV33AIK9-12233SXJ	Cisco CAT6000-VSS720 IOS ADVANCED IP SERVICES SSH	10,000.00	7,000.00
SV33AIK9L-12233SXJ	Cisco CAT6000-VSS720 IOS ADV IP SERV SSH LAN ONLY	10,000.00	7,000.00
SV33AES-12233SXJ	Cisco CAT6000-VSS720 IOS ADVANCED ENTERPRISE SERVICES	15,000.00	10,500.00
SV33AEK9L-12233SXJ	Cisco CAT6000-VSS720 IOS ADV ENT SERV SSH LAN ONLY	15,000.00	10,500.00
SV33AEK9-12233SXJ	Cisco CAT6000-VSS720 IOS ADVANCED ENTERPRISE SERVICES SSH	15,000.00	10,500.00



**Supervisor Software License Non-Standard**

FR-C6FW	Catalyst 6000 family IOS Firewall Feature Set	7,000.00	4,900.00
FR-IOSSLB	Catalyst 6000 Supervisor IOS SLB Feature License	10,000.00	7,000.00
FR-IRC6	Catalyst 6000 Family InterDomain Routing Feature License	5,000.00	3,500.00

**Power Cables**

CAB-7513AC	AC POWER CORD NORTH AMERICA (110V)	0.00	0.00
CAB-7513AC=	AC POWER CORD NORTH AMERICA	25.00	17.50
CAB-AC-2500W-US1	Power Cord, 250Vac 16A, straight blade NEMA 6-20 plug, US	0.00	0.00
CAB-AC-2500W-US1=	Power Cord, 250Vac 16A, straight blade NEMA 6-20 plug, US	45.00	31.50
CAB-AC-C6K-TWLK	Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US	0.00	0.00
CAB-AC-C6K-TWLK=	Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US	45.00	31.50

**SMARTnet Maintenance Options (Chassis: 8x5xNBD or 24x7x4-Hour)**

CON-SNT-WS-C6503	8x5xNBD Svc, Catalyst 6500 3 Slot Chassis	2,536.00	2,536.00
CON-SNTP-WS-C6503	24x7x4 Svc, Catalyst 6500 3 Slot Chassis	4,058.00	4,058.00
CON-SNT-WSC6504E	SMARTNET 8X5XNBD Cisco Catalyst 4-sl	2,536.00	2,536.00
CON-SNTP-WSC6504E	SMARTNET 24X7X4 Cisco Catalyst 4-sl	4,058.00	4,058.00
CON-SNT-WS-C6506	8x5xNBD Service,Catalyst 6506	5,513.00	5,513.00
CON-SNTP-WS-C6506	24x7x4 Service,Catalyst 6506	8,821.00	8,821.00
CON-SNT-WS-C6509	8x5xNBD Service,Catalyst 6509	6,825.00	6,825.00
CON-SNTP-WS-C6509	24x7x4 Service,Catalyst 6509	10,920.00	10,920.00
CON-SNT-C6509VE	SMARTNET 8X5XNBD WS-C6509-V-E	6,825.00	6,825.00
CON-SNTP-C6509VE	SMARTNET 24X7X4 WS-C6509-V-E	10,920.00	10,920.00
CON-SNT-WS-C6513	8x5xNBD Svc, Catalyst 6513 Chassis	11,550.00	11,550.00
CON-SNTP-WS-C6513	24x7x4 Svc, Catalyst 6513 Chassis	16,380.00	16,380.00
CON-SNT-C6513E	SMARTNET 8X5XNBD Enh C6513 Chassis, 1	11,550.00	11,550.00
CON-SNTP-C6513E	SMARTNET 24X7X4 Enh C6513 Chassis, 1	18,480.00	18,480.00
CON-SNTP-C6509VE	SMARTNET 24X7X4 WS-C6509-V-E	10,920.00	10,920.00
CON-SNTP-C6509SGE	SMARTNET 24X7X4 Cat6509E chassis, WS	5,158.00	5,158.00
CON-SNTP-C6509EGE	SMARTNET 24X7X4 Cat6509E chas, SUP32-GE-3B	5,158.00	5,158.00
CON-SNTP-C6509FWM	SMARTNET 24X7X4 6509 Firewall Security Sys	10,045.00	10,045.00
CON-SNTP-C6509E	SMARTNET 24X7X4 CSM-S, 6509, Sup720	16,445.00	16,445.00

**Catalyst 6500 Service Modules with SMARTnet 8x5xNBD Maintenance Options**

WS-SVC-FWM-1-K9=	Firewall blade for 6500 and 7600, VFW License Separate	34,995.00	24,496.50
CON-SNT-WS-FWM1K9	8x5xNBD Svc, Firewall blade for Catalyst 6500	3,849.00	3,849.00
WS-SVC-ASA-SM1-K9	ASA Services Module for Catalyst 6500-E, 3DES/AES	115,000.00	80,500.00
CON-SNT-ASASM9	SMARTNET 8X5XNBD ASA Service Module for Catalyst 6500-E	12,650.00	12,650.00
CON-SNTP-ASASM9	SMARTNET 24X7X4 ASA Service Module for Catalyst 6500-E	17,710.00	17,710.00
WS-SVC-ASA-SM1-K8	ASA Services Module for Catalyst 6500-E, DES	115,000.00	80,500.00
CON-SNT-ASASM8	SMARTNET 8X5XNBD ASA Services Module	12,650.00	12,650.00
WS-SVC-ASA-SM1-K7	ASA Services Module for Catalyst 6500-E, NPE	115,000.00	80,500.00
CON-SNT-ASASM7	SMARTNET 8X5XNBD ASA Services Module	12,650.00	12,650.00
WS-SVC-IDS2-BUN-K9	600M IDSM-2 Mod for Catalyst 6500	29,995.00	20,996.50
CON-SU1-WIDSBK9	IPS SVC, AR NBD 600M IDSM-2 Mod for Catalyst 6500	7,799.00	7,799.00
WS-SVC-NAM-1-250S=	Cisco Catalyst 6500 and Cisco 7600 Network Analysis Module 1	17,995.00	12,596.50
CON-SNT-WSSVCNAM1	SMARTNET 8X5XNBD Catalyst 6500 Network Analysis Module 1	715.00	715.00
WS-SVC-NAM-2-250S=	Cisco Catalyst 6500 and Cisco 7600 Network Analysis Module 2	29,995.00	20,996.50
CON-SNT-WSSVNAM2	SMARTNET 8X5XNBD Catalyst 6500 Network Analysis Module 2	1,675.00	1,675.00
WS-SVC-NAM3-6G-K9=	Cisco Catalyst 6500 Series NAM-3 600GB	59,000.00	41,300.00
CON-SNT-WSSVNAM3	SMARTNET 8X5XNBD Cisco Catalyst 6500 Series NAM-3 600GB	3,776.00	3,776.00
ACE30-BASE-04-K9	ACE30 Module with 4G, 1G Comp, 1K SSL TPS and 5VC	39,995.00	27,996.50
CON-SNT-ACE30MOD	SMARTNET 8X5XNBD Application Control Engine 30 Hardware	4,399.00	4,399.00
WS-SVC-WISM2-1-K9	Wireless Services Module:WiSM-2: w/ 100 AP Support License	29,995.00	20,996.50
CON-SNT-WSM2100	SMARTNET 8X5XNBD Wireless Services Module:WiSM-2: w/ 100	2,400.00	2,400.00
WS-SVC-WISM2-3-K9	Wireless Services Module:WiSM-2: w/ 300 AP Support License	54,995.00	38,496.50
CON-SNT-WSM2300	SMARTNET 8X5XNBD Wireless Services Module:WiSM-2: w/ 300	4,400.00	4,400.00
WS-SVC-WISM2-5-K9	Wireless Services Module:WiSM-2: w/ 500 AP Support License	84,995.00	59,496.50
CON-SNT-WSM2500	SMARTNET 8X5XNBD Wireless Services Module:WiSM-2: w/ 500	6,800.00	6,800.00
WS-SVC-WISM2HA-K9	Wireless Services Module WISM2 HA	25,000.00	17,500.00
CON-SNT-WSWISMHA	SMARTNET 8X5XNBD Cisco Wireless Svs Module2 - High Avail..	2,000.00	2,000.00
WS-SVC-WISM2-K-K9	Wireless Services Module:WiSM-2: w/ 1,000 AP Support License	167,995.00	117,596.50
CON-SNT-WSM21K	SMARTNET 8X5XNBD Wireless Services Module:WiSM-2: w/ 1,000	12,000.00	12,000.00
WS-SVC-WISM-1-K9=	Cisco Wireless Services Module (WISM)	45,995.00	32,196.50
CON-SNT-WSSVCW1K	SMARTNET 8X5XNBD CISCO wireless svc module (WISM)	3,680.00	3,680.00

**Catalyst 6500 ACE Service Module License Options**

ACE30-BASE-04-K9	ACE30 Module with 4G, 1G Comp, 1K SSL TPS and 5VC	39,995.00	27,996.50
ACE30-MOD-04-K9	ACE30 Module with 4G, 4G Comp, 30K SSL TPS and 250VC	54,995.00	38,496.50
ACE30-MOD-08-K9	ACE30 Module with 8G, 6G Comp, 30K SSL TPS and 250VC	69,995.00	48,996.50
ACE30-MOD-16-K9	ACE30 Module with 16G, 6G Comp, 30K SSL TPS and 250VC	109,995.00	76,996.50
ACE-04G-LIC	Application Control Engine (ACE) 4Gbps License	39,995.00	27,996.50
ACE-08G-LIC	Application Control Engine (ACE) 8Gbps License	59,995.00	41,996.50
ACE-VIRT-020	Application Control Engine Virtualization 20 Contexts	12,500.00	8,750.00
ACE-VIRT-050	Application Control Engine Virtualization 50 Contexts	25,000.00	17,500.00
ACE-VIRT-100	Application Control Engine Virtualization 100 Contexts	45,000.00	31,500.00
ACE-VIRT-250	Application Control Engine Virtualization 250 Contexts	80,000.00	56,000.00
ACE-SSL-05K-K9	Application Control Engine SSL License, 5000 TPS	5,000.00	3,500.00
ACE-SSL-10K-K9	Application Control Engine SSL License, 10000 TPS	10,000.00	7,000.00
ACE-SSL-15K-K9	Application Control Engine SSL License, 15000 TPS	15,000.00	10,500.00

**Catalyst 6500 WiSM2 Service Module License Options**

LIC-WISM2-UPG	Primary SKU for all upgrade options for Cisco WiSM2	0.00	0.00
LIC-WISM2-100A	100 AP Adder License for WiSM-2	15,495.00	10,846.50
LIC-WISM2-200A	200 AP Adder License for WiSM-2	30,495.00	21,346.50
L-LIC-WISM2-UPG	Primary SKU for all eDelivery upgrade option for Cisco WiSM2	0.00	0.00
L-LIC-WISM2-100A	100 AP Adder License for WiSM-2 (e-Delivery)	15,495.00	10,846.50
L-LIC-WISM2-200A	200 AP Adder License for WiSM-2 (e-Delivery)	30,495.00	21,346.50
CON-SNT-LWMSUP	SMARTNET 8X5XNBD Primary SKU for all upgrade options for WiSM2	0.00	0.00
CON-SNT-LWMS21A	SMARTNET 8X5XNBD 100 AP Adder License for WiSM-2	1,240.00	1,240.00
CON-SNT-LWMS22A	SMARTNET 8X5XNBD 200 AP Adder License for WiSM-2	2,440.00	2,440.00

**Catalyst 6500 Bundles****Catalyst 6500 Sup2T Bundles**

VS-C6503E-SUP2T	Catalyst Chassis+Fan Tray + Sup2T; IP Services ONLY incl VSS	30,500.00	21,350.00
CON-SNT-VS03E2T	SMARTNET 8X5XNBD Catalyst Chassis+Fan Tray + Sup2T; IP Se.	1,910.00	1,910.00
CON-SNTP-VS03E2T	SMARTNET 24X7X4 Catalyst Chassis+Fan Tray + Sup2T; IP Se.	3,056.00	3,056.00
VS-C6504E-SUP2T	Catalyst Chassis+Fan Tray + Sup2T; IP Services ONLY incl VSS	31,000.00	21,700.00
CON-SNT-VS04E2T	SMARTNET 8X5XNBD Catalyst Chassis+Fan Tray + Sup2T; IP Se.	1,917.00	1,917.00
CON-SNTP-VS04E2T	SMARTNET 24X7X4 Catalyst Chassis+Fan Tray + Sup2T; IP Se.	3,067.00	3,067.00
VS-C6506E-SUP2T	Catalyst Chassis+Fan Tray + Sup2T; IP Services ONLY incl VSS	34,000.00	23,800.00
CON-SNT-VS06E2T	SMARTNET 8X5XNBD Catalyst Chassis+Fan Tray + Sup2T; IP Se.	4,260.00	4,260.00
CON-SNTP-VS06E2T	SMARTNET 24X7X4 Catalyst Chassis+Fan Tray + Sup2T; IP Se.	6,816.00	6,816.00
VS-C6509E-SUP2T	Catalyst Chassis+Fan Tray + Sup2T; IP Services ONLY incl VSS	38,000.00	26,600.00
CON-SNT-VS09E2T	SMARTNET 8X5XNBD Catalyst Chassis+Fan Tray + Sup2T; IP Se.	5,403.00	5,403.00
CON-SNTP-VS09E2T	SMARTNET 24X7X4 Catalyst Chassis+Fan Tray + Sup2T; IP Se.	8,645.00	8,645.00
VS-C6509VE-SUP2T	Catalyst Chassis+Fan Tray + Sup2T; IP Services ONLY incl VSS	40,000.00	28,000.00
CON-SNT-VS09VE2T	SMARTNET 8X5XNBD Catalyst Chassis+Fan Tray + Sup2T; IP Se.	5,460.00	5,460.00
CON-SNTP-VS09VE2T	SMARTNET 24X7X4 Catalyst Chassis+Fan Tray + Sup2T; IP Se.	8,736.00	8,736.00
VS-C6513E-SUP2T	Catalyst Chassis+Fan Tray + Sup2T; IP Services ONLY incl VSS	44,000.00	30,800.00
CON-SNT-VS13E2T	SMARTNET 8X5XNBD Catalyst Chassis+Fan Tray + Sup2T; IP Se.	9,411.00	9,411.00
CON-SNTP-VS13E2T	SMARTNET 24X7X4 Catalyst Chassis+Fan Tray + Sup2T; IP Se.	15,058.00	15,058.00

<b>Catalyst 6500 Sup720-10G Bundles</b>				
VS-C6504E-S720-10G	Catalyst Chassis+Fan Tray+Sup720-10G; IP Base ONLY incl. VSS		31,500.00	22,050.00
CON-SNT-V6504E72	SMARTNET 8X5XNBD VS-C6504E-S720-10G.		2,536.00	2,536.00
CON-SNTP-V6504E72	SMARTNET 24X7X4 VS-C6504E-S720-10G.		4,058.00	4,058.00
VS-C6506E-S720-10G	Catalyst Chassis+Fan Tray+Sup720-10G; IP Base ONLY incl. VSS		33,995.00	23,796.50
CON-SNT-V6506E72	SMARTNET 8X5XNBD VS-C6506E-S720-10G.		5,513.00	5,513.00
CON-SNTP-V6506E72	SMARTNET 24X7X4 VS-C6506E-S720-10G.		8,821.00	8,821.00
VS-C6509E-S720-10G	Catalyst Chassis+Fan Tray+Sup720-10G; IP Base ONLY incl. VSS		37,995.00	26,596.50
CON-SNT-V6509E72	SMARTNET 8X5XNBD VS-C6509E-S720-10G.		6,825.00	6,825.00
CON-SNTP-V6509E72	SMARTNET 24X7X4 VS-C6509E-S720-10G.		10,920.00	10,920.00
VS-C6509VE-S72010G	Catalyst Chassis+Fan Tray+Sup720-10G; IP Base ONLY incl. VSS		39,995.00	27,996.50
CON-SNT-VES720	SMARTNET 8X5XNBD Catalyst 6509-V-E-Chassis+Fan Tray+Sup72.		6,825.00	6,825.00
CON-SNTP-VES720	SMARTNET 24X7X4 Catalyst 6509-V-E-Chassis+Fan Tray+Sup72.		10,920.00	10,920.00
<b>IOS Software for Catalyst Sup2T Bundles</b>				
S2TAEK9-15001SY	Cisco CAT6000-VS-S2T IOS ADV ENT SERV FULL ENCRYPT		25,000.00	17,500.00
S2TAEK9N-15001SY	Cisco CAT6000-VS-S2T IOS ADVANCED ENTERPRISE SERVICES NPE		25,000.00	17,500.00
S2TAIK9-15001SY	Cisco CAT6000-VS-S2T IOS ADVANCED IP SERVICES FULL ENCRYPT		15,000.00	10,500.00
S2TAIK9N-15001SY	Cisco CAT6000-VS-S2T IOS ADVANCED IP SERVICES NPE		15,000.00	10,500.00
S2TIBK9-15001SY	Cisco CAT6000-VS-S2T IOS IP BASE FULL ENCRYPT		0.00	0.00
S2TIBK9N-15001SY	Cisco CAT6000-VS-S2T IOS IP BASE NPE		0.00	0.00
S2TISK9NZ-15001SY	Cisco CAT6000-VS-S2T IOS IP SERV NPE		0.00	0.00
S2TISK9Z-15001SY	Cisco CAT6000-VS-S2T IOS IP SERV FULL ENCRYPT		0.00	0.00
<b>IOS Software for Catalyst Sup720 Bundles</b>				
SV33AEK9-12233SXJ	Cisco CAT6000-VSS720 IOS ADVANCED ENTERPRISE SERVICES SSH		15,000.00	10,500.00
SV33AEK9L-12233SXJ	Cisco CAT6000-VSS720 IOS ADV ENT SERV SSH LAN ONLY		15,000.00	10,500.00
SV33AES-12233SXJ	Cisco CAT6000-VSS720 IOS ADVANCED ENTERPRISE SERVICES		15,000.00	10,500.00
SV33AIK9-12233SXJ	Cisco CAT6000-VSS720 IOS ADVANCED IP SERVICES SSH		10,000.00	7,000.00
SV33AIK9L-12233SXJ	Cisco CAT6000-VSS720 IOS ADV IP SERV SSH LAN ONLY		10,000.00	7,000.00
SV33IBK9L-12233SXJ	Cisco CAT6000-VSS720 IOS IP BASE SSH LAN ONLY		0.00	0.00
SV33IBL-12233SXJ	Cisco CAT6000-VSS720 IOS IP BASE LAN ONLY		0.00	0.00
SV33ISK9C-12233SXJ	Cisco CAT6000-VSS720 IOS IP SERVICES SSH - DEFAULT		0.00	0.00

## Cisco Nexus 7000 Series

The Cisco Nexus™ 7000 Series Switches combine the highest levels of scalability with operational flexibility. The Cisco Nexus 7000 Series Switches comprise a modular data center-class product line designed for highly scalable 10 Gigabit Ethernet networks with a fabric architecture that scales beyond 15 terabits per second (Tbps). Designed to meet the requirements of the most mission-critical data centers, it delivers continuous system operation and virtualized, pervasive services. The Cisco Nexus 7000 Series is based on a proven operating system, with enhanced features to deliver real-time system upgrades with exceptional manageability and serviceability. Its innovative design is purpose built to support end-to-end data center connectivity, consolidating IP, storage, and interprocess communication (IPC) networks onto a single Ethernet fabric.

The Cisco Nexus 7010 is a 10-slot chassis with up to eight I/O module slots that supports up to 256 10 Gigabit Ethernet or 384 Gigabit Ethernet ports, meeting the demands of large deployments. The Cisco Nexus 7018 is an 18-slot chassis with up to 16 I/O module slots that supports up to 512 10 Gigabit Ethernet or 768 Gigabit Ethernet ports, meeting the demands of the largest deployments.

Cisco Nexus 7000 Series Switches feature NX-OS Software, a data center-class operating system built with modularity, resiliency, and serviceability at its foundation. Based on the industry-proven Cisco MDS 9000 SAN-OS Software, Cisco NX-OS helps ensure continuous availability and sets the standard for mission-critical data center environments. The self-healing and highly modular design of Cisco NX-OS makes zero-impact operations a reality and enables exceptional operational flexibility. Cisco Nexus 7000 supports state-of-the-art implementations of IPv4 and IPv6 services, routing protocols, and IP Multicast features to optimize and enhance data center and campus LAN core scalability and performance, reducing capital expenditure and operating expenses.

For data centers and LAN cores that require the best in infrastructure scalability, Cisco Nexus 7000 can provide support for consolidated networks with virtual port channel innovations to scale beyond 1500 ports. Cisco Nexus 7000 uses the multicore, multi-threaded NX-OS to optimize CPU resources and offload tasks to processors distributed across the chassis modules. Cisco Nexus 7000 also features Cisco Trusted Security (TrustSec) for scalable security with link-layer encryption, security group access control lists, and role-based access control. Cisco Nexus 7000 also offers transport flexibility, providing a foundation for unified for unified fabrics with Cisco DCE, unified I/O, and FCoE. Virtualized control plane and data plane forwarding on Nexus 7000 provides performance, virtual device contexts (VDCs) maximize software and hardware resource utilization while providing strong security and software fault isolation. Cisco Nexus 7000 offers investment protection with the capacity for high-density 1 Gigabit and 10 Gigabit Ethernet today - and the emerging 40 Gbps and 100 Gbps Ethernet standards as they become available.

You can learn more about the Cisco Nexus 7000 Series Switches on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-nexus7000>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>Chassis</b>			
N7K-C7004	Nexus 7000 4-Slot Chassis, No Power Supplies, Fans Included	10,000.00	7,000.00
N7K-C7009	9 Slot Chassis, No Power Supply, Includes Fans	20,000.00	14,000.00
N7K-C7010	10 Slot Chassis, No Power Supplies, Fans Included	20,000.00	14,000.00
N7K-C7018	18 Slot Chassis, No Power Supplies, Fans Included	30,000.00	21,000.00
<b>Nexus 7000 SUP2 Bundles</b>			
N7K-C7004-S2	Nexus 7004 Bundle (Chassis,1xSUP2),No Power Supplies	32,000.00	22,400.00
N7K-C7004-S2-R	Nexus 7004 Bundle (Chassis,2xSUP2),No Power Supplies	52,000.00	36,400.00
N7K-C7009-B2S2	Nexus 7009 Bundle (Chassis,1xSUP2,x5xFAB2),No Power Supplies	60,000.00	42,000.00
N7K-C7009-B2S2-R	Nexus 7009 Bundle (Chassis,2xSUP2,5xFAB2),No Power Supplies	85,000.00	59,500.00
N7K-C7009-BUN2-P2	Nexus 7009 Promo Bundle (Chassis,SUP2,(3)FAB2)	48,000.00	33,600.00
N7K-C7010-B2S2	Nexus 7010 Bundle (Chassis,1xSUP2,5xFAB2), No Power Supplies	78,000.00	54,600.00
N7K-C7010-B2S2-R	Nexus 7010 Bundle (Chassis,2xSUP2,5xFAB2),No Power Supplies	103,000.00	72,100.00

### Nexus 7000 SUP2E Bundles

N7K-C7004-S2E	Nexus 7004 Bundle (Chassis,1xSUP2E),No Power Supplies	42,000.00	29,400.00
N7K-C7004-S2E-R	Nexus7004 Bundle(Chassis,2xSUP2E),No Power Supplies	82,000.00	57,400.00
N7K-C7009-B2S2E	Nexus 7009 Bundle (Chassis,1xSUP2E,5xFAB2),No Power Supplies	72,000.00	50,400.00
N7K-C7009-B2S2E-R	Nexus7009 Bundle(Chassis,2xSUP2E,5xFAB2),No Power Supplies	112,000.00	78,400.00
N7K-C7009-BUN2-P2E	Nexus 7009 Promo Bundle (Chassis,SUP2E,(3)FAB2)	63,000.00	44,100.00
N7K-C7010-B2S2E	Nexus 7010 Bundle (Chassis,1xSUP2E,5xFAB2),No Power Supplies	90,000.00	63,000.00
N7K-C7010-B2S2E-R	Nexus 7010 Bundle (Chassis,2xSUP2E,5xFAB2),No Power Supplies	130,000.00	91,000.00

### Nexus 7000 SUP1/FAB1 Bundles

N7K-C7009-BUN2	Nexus 7009 Bundle (Chassis,SUP1,(5)FAB2,(2)AC-6KW PSU	72,000.00	50,400.00
N7K-C7009-BUN2-P1	Nexus 7009 Promo Bundle (Chassis,SUP1,(3)FAB2,(2)AC-6KW PSU	60,000.00	42,000.00
N7K-C7009-BUN2-R	Nexus 7009 Bundle (Chassis,(2)SUP1,(5)FAB2,(2)AC-6KW PSU)	97,000.00	67,900.00
N7K-C7010-BUN	Nexus 7010 Bundle (Chassis,SUP1,(3)FAB1,(2)AC-6KW PSU)	48,000.00	33,600.00
N7K-C7010-BUN2	Nexus 7010 Bundle (Chassis,SUP1,(5)FAB2,(2)AC-6KW PSU)	90,000.00	63,000.00
N7K-C7010-BUN2-R	Nexus 7010 Bundle (Chassis,(2)SUP1,(5)FAB2,(3)AC-6KW PSU)	121,000.00	84,700.00
N7K-C7010-BUN-R	Nexus 7010 Bundle (Chassis,(2)SUP1,(3)FAB1,(3)AC-6KW PSU)	79,000.00	55,300.00

### Cisco Nexus 7000 Series Supervisors

N7K-SUP1	Nexus 7000 - Supervisor, Includes External 8GB Log Flash	25,000.00	17,500.00
N7K-SUP2	Nexus 7000 - Supervisor 2, Includes External 8GB USB Flash	25,000.00	17,500.00
N7K-SUP2E	Nexus 7000 - Supervisor 2 Enhanced,Includes 8GB USB Flash	40,000.00	28,000.00
N7K-USB-8GB=	Nexus 7K USB Flash Memory - 8GB (Log Flash)	1,400.00	980.00

### Cisco Nexus 7000 Series NX-OS Base Images

N7KS1K9-42	Cisco NX-OS Release 4.2	0.00	0.00
N7KS1K9-50	Cisco NX-OS Release 5.0	0.00	0.00
N7KS1NPEK9-50	Cisco NX-OS 5.0 No Payload Encryption (no CTS) for N7K-SUP1	0.00	0.00
N7KS1K9-51	Cisco NX-OS Release 5.1	0.00	0.00
N7KS1NPEK9-51	Cisco NX-OS 5.1 No Payload Encryption (no CTS) for N7K-SUP1	0.00	0.00
N7KS1NPEK9-60	Cisco NX-OS 6.0 No Payload Encryption (no CTS) for N7K-SUP1	0.00	0.00
N7KS1NPEK9-61	Cisco NX-OS 6.1 No Payload Encryption for SUP1	0.00	0.00
N7KS2NPEK9-61	Cisco NX-OS 6.1 No Payload Encryption for SUP2	0.00	0.00

### Software License

N7K-LAN1K9	Nexus 7000 LAN Enterprise License (L3 protocols)	15,000.00	10,500.00
L-N7K-LAN1K9=	Nexus 7000 LAN Enterprise License (L3 protocols) eDelivery	15,000.00	10,500.00
N7K-ADV1K9	Nexus 7000 Advanced LAN Enterprise License (VDC, CTS ONLY)	20,000.00	14,000.00
L-N7K-ADV1K9=	Nexus 7000 Adv LAN Enterprise Lic (VDC, CTS ONLY) eDelivery	20,000.00	14,000.00
N7K-TRS1K9	Nexus 7000 Transport Services License (OTV/LISP)	25,000.00	17,500.00
L-N7K-TRS1K9=	Nexus 7000 Transport Services License (OTV/LISP) eDelivery	25,000.00	17,500.00
N7K-EL21K9	Nexus 7000 Enhanced Layer 2 License (FabricPath)	25,000.00	17,500.00
L-N7K-EL21K9=	Nexus 7000 Enhanced Layer 2 License (FabricPath) eDelivery	25,000.00	17,500.00
N7K-SAN1K9	Nexus 7000 SAN Enterprise License	15,000.00	10,500.00
L-N7K-SAN1K9=	Nexus 7000 SAN Enterprise License eDelivery	15,000.00	10,500.00
N7K-FCOEF132XP	FCoE License for Nexus 7000 32-port 10G SFP+ (F1)	10,000.00	7,000.00
N7K-FCOEF248XP=	FCoE License for Nexus 7000 48-port 10G SFP+ (F2), Spare	10,000.00	7,000.00
L-N7K-FCOEF132XP=	FCoE License for Nexus 7000 32-port 10G SFP+ (F1) eDelivery	10,000.00	7,000.00
N7K-MPLS1K9	Nexus 7000 MPLS License	25,000.00	17,500.00
L-N7K-MPLS1K9=	Nexus 7000 MPLS License	25,000.00	17,500.00
N7K-C7004-XL	Nexus 7004 Scalable Feature License	25,000.00	17,500.00
N7K-C7009-XL	Nexus 7009 Scalable Feature License	50,000.00	35,000.00
N7K-C7010-XL	Nexus 7010 Scalable Feature License	50,000.00	35,000.00
L-N7K-C7010-XL=	Nexus 7010 Scalable Feature License eDelivery	50,000.00	35,000.00
N7K-C7018-XL	Nexus 7018 Scalable Feature License	75,000.00	52,500.00
L-N7K-C7018-XL=	Nexus 7018 Scalable Feature License eDelivery	75,000.00	52,500.00
N7K-VDC1K9	Nexus 7000 Incremental VDC license (+4 VDC per license)	20,000.00	14,000.00
L-N7K-VDC1K9=	Nexus 7000 incremental VDC license (+4 VDC per license)	20,000.00	14,000.00
DCNM-N7K-K9	DCNM for LAN Enterprise License for one Nexus 7000 Chassis	10,000.00	7,000.00
L-DCNM-N7K-K9=	DCNM LAN Enterprise Lic for one Nexus 7000 Chassis eDelivery	10,000.00	7,000.00
DCNM-SAN-N7K-K9	DCNM for SAN Advanced Edition for Nexus 7000	21,000.00	14,700.00

### Cisco Nexus 7000 Series Software License Bundles

N7K-SBUN-P1	Includes LAN, ADV, TRS, EL2, DCNM License - Promotion	50,000.00	35,000.00
N7K-SBUN-P1=	Includes LAN, ADV, TRS, EL2, DCNM License - Promotion	50,000.00	35,000.00
N7K-C7009-SBUN-P1	Inc LAN,ADV,TRS,EL2,DCNM,DCNMSAN,MPLS,SAN,XL - Promotion	75,000.00	52,500.00
N7K-C7009-SBUN-P1=	Inc. LAN,ADV,TRS,EL2,DCNM,DCNMSAN,MPLS,SAN,XL - Promotion	75,000.00	52,500.00
N7K-C7010-SBUN-P1	Inc. LAN,ADV,TRS,EL2,DCNM,DCNMSAN,MPLS,SAN,XL - Promotion	75,000.00	52,500.00
N7K-C7010-SBUN-P1=	Inc. LAN,ADV,TRS,EL2,DCNM,DCNMSAN,MPLS,SAN,XL - Promotion	75,000.00	52,500.00
N7K-C7018-SBUN-P1	Inc. LAN,ADV,TRS,EL2,DCNM,DCNMSAN,MPLS,SAN,XL - Promotion	85,000.00	59,500.00
N7K-C7018-SBUN-P1=	Inc. LAN,ADV,TRS,EL2,DCNM,DCNMSAN,MPLS,SAN,XL - Promotion	85,000.00	59,500.00
N7K-C7004-SBUN-P1	Inc N7004 LAN,ADV,TRS,EL2,DCNM,DCNMSAN,MPLS,SAN,XL - Promo	34,000.00	23,800.00
N7K-C7004-5LSB-P1=	Inc N7004 LAN,ADV,TRS,EL2,DCNM License - Promotion	24,000.00	16,800.00
N7K-C7004-5LSB-P1	Inc N7004 LAN,ADV,TRS,EL2,DCNM License - Promotion	24,000.00	16,800.00

### Cisco Nexus 7000 Series Fabric 1 Modules

N7K-C7010-FAB-1	Nexus 7000 - 10 Slot Chassis - 46Gbps/Slot Fabric Module	6,000.00	4,200.00
N7K-C7010-FAB-1=	Nexus 7000 - 10 Slot Chassis - 46Gbps/Slot Fabric Module	6,000.00	4,200.00
N7K-C7018-FAB-1	Nexus 7000 - 18 Slot Chassis - 46Gbps/Slot Fabric Module	6,000.00	4,200.00
N7K-C7018-FAB-1=	Nexus 7000 - 18 Slot Chassis - 46Gbps/Slot Fabric Module	6,000.00	4,200.00

### Cisco Nexus 7000 Series Fabric 2 Modules

N7K-C7009-FAB-2	Nexus 7000 - 9 Slot Chassis - 110Gbps/Slot Fabric Module	12,000.00	8,400.00
N7K-C7009-FAB-2=	Nexus 7000 - 9 Slot Chassis - 110Gbps/Slot Fabric Module	12,000.00	8,400.00
N7K-C7010-FAB-2	Nexus 7000 - 10 Slot Chassis - 110Gbps/Slot Fabric Module	12,000.00	8,400.00
N7K-C7010-FAB-2=	Nexus 7000 - 10 Slot Chassis - 110Gbps/Slot Fabric Module	12,000.00	8,400.00
N7K-C7018-FAB-2	Nexus 7000 - 18 Slot Chassis - 110Gbps/Slot Fabric Module	18,000.00	12,600.00
N7K-C7018-FAB-2=	Nexus 7000 - 18 Slot Chassis - 110Gbps/Slot Fabric Module	18,000.00	12,600.00

### Cisco Nexus 7000 Series M-Modules

N7K-M108X2-12L	Nexus 7000 - 8 Port 10GbE with XL option (req. X2)	44,000.00	30,800.00
N7K-M108X2-12L=	Nexus 7000 - 8 Port 10GbE with XL option (req. X2)	44,000.00	30,800.00
N7K-M132XP-12L	Nexus 7000 - 32 Port 10GbE with XL Option, 80G Fabric (req.	70,000.00	49,000.00
N7K-M132XP-12L=	Nexus 7000 - 32 Port 10GbE with XL Option, 80G Fabric (req.	70,000.00	49,000.00
N7K-M148GS-11L	Nexus 7000 - 48 Port GE Module with XL Option (req. SFP)	27,000.00	18,900.00
N7K-M148GS-11L=	Nexus 7000 - 48 Port GE Module with XL Option (req. SFP)	27,000.00	18,900.00
N7K-M148GT-11L	Nexus 7000 - 48 Port 10/100/1000 Module with XL option	15,000.00	10,500.00
N7K-M148GT-11L=	Nexus 7000 - 48 Port 10/100/1000 Module with XL option	15,000.00	10,500.00
N7K-M202CF-22L	Nexus 7000 M2-Series 2 Port 100GbE with XL Option (req. CFP)	70,000.00	49,000.00
N7K-M202CF-22L=	Nexus 7000 M2-Series 2 Port 100GbE with XL Option (req. CFP)	70,000.00	49,000.00
N7K-M206FQ-23L	Nexus 7000 M2-Series 6 Port 40GbE with XL Option (req. QSFP)	70,000.00	49,000.00
N7K-M206FQ-23L=	Nexus 7000 M2-Series 6 Port 40GbE with XL Option (req. QSFP)	70,000.00	49,000.00
N7K-M224XP-23L	Nexus 7000 M2-Series 24 Port 10GE with XL Option (req. SFP+)	70,000.00	49,000.00
N7K-M224XP-23L=	Nexus 7000 M2-Series 24 Port 10GE with XL Option (req. SFP+)	70,000.00	49,000.00

### Cisco Nexus 7000 Series F-Modules

N7K-F132XP-15	Nexus 7000 - 32 Port 1G/10G Ethernet Module, SFP/SFP+	35,000.00	24,500.00
N7K-F132XP-15=	Nexus 7000 - 32 Port 1G/10G Ethernet Module, SFP/SFP+	35,000.00	24,500.00
N7K-FCOE-F1-BUN=	Nexus 7000 F1 Line Card and FCoE License Bundle	36,000.00	25,200.00
N7K-F248XP-25	Nexus 7000 F2-Series 48 Port 10GbE (req. SFP+)	44,000.00	30,800.00
N7K-F248XP-25=	Nexus 7000 F2-Series 48 Port 10GbE (req. SFP+)	44,000.00	30,800.00
N7K-F248XP-25E	Nexus 7000 F2-Series 48 Port 1/10G (SFP+) Enhanced	44,000.00	30,800.00
N7K-F248XT-25E=	Nexus 7000 F2-Series 48 Port 1/10GBase-T (RJ-45) Enhanced	40,000.00	28,000.00
N7K-F248XT-25E	Nexus 7000 F2-Series 48 Port 1/10GBase-T (RJ-45) Enhanced	40,000.00	28,000.00
N7K-F248XP-25E=	Nexus 7000 F2-Series 48 Port 1/10G (SFP+) Enhanced	44,000.00	30,800.00

**Power Supplies and Interface Unit**

N7K-AC-6.0KW	Nexus 7000 - 6.0KW AC Power Supply Module	6,000.00	4,200.00
N7K-AC-6.0KW=	Nexus 7000 - 6.0KW AC Power Supply Module	6,000.00	4,200.00
N7K-AC-7.5KW-US	Nexus 7000 - 7.5KW AC Power Supply Module US (cable included	7,500.00	5,250.00
N7K-AC-7.5KW-INT	Nexus 7000 - 7.5KW AC Power Supply Module International (cab	7,500.00	5,250.00
N7K-AC-7.5KW-INT=	Nexus 7000 - 7.5KW AC Power Supply Module International (cab	7,500.00	5,250.00
N7K-AC-7.5KW-US=	Nexus 7000 - 7.5KW AC Power Supply Module US (cable included	7,500.00	5,250.00
N7K-DC-6.0KW	Nexus 7000 - 6.0KW DC Power Supply Module (Cables Included)	16,000.00	11,200.00
N7K-DC-6.0KW=	Nexus 7000 - 6.0KW DC Power Supply Module (Cables Included)	16,000.00	11,200.00
N7K-AC-3KW	Nexus 7000 - 3.0KW AC Power Supply Module (Cable Included)	3,000.00	2,100.00
N7K-DC-PIU	Nexus 7000 - DC Power Interface Unit	1,600.00	1,120.00

**Power Cables (spare)**

CAB-AC-2500W-US1=	Power Cord, 250Vac 16A, straight blade NEMA 6-20 plug, US	45.00	31.50
CAB-AC-C6K-TWLK=	Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US	45.00	31.50
CAB-AC-2500W-INT=	Power Cord, 250Vac 16A, INTL	45.00	31.50
CAB-7513AC=	AC POWER CORD NORTH AMERICA (110V)	25.00	17.50
CAB-L520P-C19-US=	NEMA L5-20 to IEC-C19 6ft US	45.00	31.50

**Optics (SFP, SFP+) - Check I/O Module Documentation for Compatibility**

**10 GB SFP+ Optics**

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50
SFP-10G-ER=	10GBASE-ER SFP+ Module	10,000.00	7,000.00
SFP-10G-LRM=	10GBASE-LRM SFP+ Module	1,295.00	906.50

**10 GB X2 Optics**

X2-10GB-CX4=	10GBASE-CX4 X2 Module	\$600.00	\$420.00
X2-10GB-LX4	10GBASE-LX4 X2 Module	\$2,995.00	\$2,096.50
X2-10GB-ZR=	10GBASE-ZR X2 Module	\$16,000.00	\$11,200.00

**10 GB SFP+ Link Assemblies**

SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter	150.00	105.00
SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	210.00	147.00
SFP-H10GB-CU5M	10GBASE-CU SFP+ Cable 5 Meter	260.00	182.00
SFP-H10GB-ACU7M	Active Twinax cable assembly, 7m	360.00	252.00
SFP-H10GB-ACU10M	Active Twinax cable assembly, 10m	410.00	287.00

**1 GB SFP Optics**

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
GLC-ZX-SM=	1000BASE-ZX SFP	3,995.00	2,796.50
GLC-BX-D=	1000BASE-BX SFP, 1490NM	1,300.00	910.00
GLC-BX-U=	1000BASE-BX SFP, 1310NM	1,300.00	910.00
SFP-10G-LRM=	10GBASE-LRM SFP Module	1,295.00	906.50
SFP-10G-ER=	10GBASE-ER SFP Module	10,000.00	7,000.00
SFP-GE-L=	1000BASE-LX/LH SFP (DOM)	1,100.00	770.00
SFP-GE-S=	1000BASE-SX SFP (DOM)	550.00	385.00
SFP-GE-Z=	1000BASE-ZX Gigabit Ethernet SFP (DOM)	3,995.00	2,796.50
SFP-GE-T=	1000BASE-T SFP (NEBS 3 ESD)	440.00	308.00

Spare Components

N7K-3KPS-BLANK-H=	Nexus 7004 Chassis Power Supply Blank Slot Cover	50.00	35.00
N7K-BSK=	Nexus 7000 Bottom Support Kit	600.00	420.00
N7K-C7004-ACC-KIT=	Nexus 7004 Accessory Kit, Spare	100.00	70.00
N7K-C7004-FAN=	Nexus 7000 - 4 Slot Fan	1,000.00	700.00
N7K-C7004-FD-MB	Nexus 7004 Front Door Kit	800.00	560.00
N7K-C7004-RMK=	Nexus 7004 Rack Mount Kit	250.00	175.00
N7K-C7004-SHPPKG=	Nexus 7004 Shipping Packaging	1,000.00	700.00
N7K-C7009-ACC-KIT=	Nexus 7009 Accessory Kit, Spare	100.00	70.00
N7K-C7009-BSK=	Nexus 7009 Bottom Support Kit	600.00	420.00
N7K-C7009-CAB-TOP=	Nexus 7009 Front Top Section and Cable Mgmt- Kit	2,500.00	1,750.00
N7K-C7009-CMK=	Nexus 7009 Center Mount Kit	600.00	420.00
N7K-C7009-FAN=	Nexus 7000 - 9 Slot Fan	3,000.00	2,100.00
N7K-C7009-F-BLANK=	Nexus 7009 Fabric Module Blank	100.00	70.00
N7K-C7009-FD-MB	Nexus 7009 Front Door Kit	1,500.00	1,050.00
N7K-C7009-RMK=	Nexus 7009 Rack Mount Kit	250.00	175.00
N7K-C7009-SHPPKG=	Nexus 7009 Shipping Packaging	3,000.00	2,100.00
N7K-C7010-ACC-KIT=	Nexus 7010 Accessory Kit, Spare	100.00	70.00
N7K-C7010-AFLT	Nexus 7010 Air Filter	500.00	350.00
N7K-C7010-EMI-SC=	Nexus 7010 - EMI Inlet Screen Kit	800.00	560.00
N7K-C7010-FAN-F=	Nexus 7000 - 10 Slot Fabric Fan	1,300.00	910.00
N7K-C7010-FAN-S=	Nexus 7000 - 10 Slot System Fan	3,500.00	2,450.00
N7K-C7010-F-BLANK=	Nexus 7010 Fabric Module Blank	100.00	70.00
N7K-C7010-FD-MB	Nexus 7010 Front Door Kit	1,500.00	1,050.00
N7K-C7010-FD-TOP=	Nexus 7010 Front Door Top Section- Including Cable Mgmt -Kit	2,500.00	1,750.00
N7K-C7010-LEDS=	Nexus 7010 Chassis LED Replacement Kit	100.00	70.00
N7K-C7010-SHPPKG=	Nexus 7010 Shipping Packaging	3,000.00	2,100.00
N7K-C7018-ACC-KIT=	Nexus 7018 Accessory Kit, Spare	100.00	70.00
N7K-C7018-BSK=	Nexus 7018 Bottom Support Kit	600.00	420.00
N7K-C7018-CAB-TOP=	Nexus 7018 Front Top Section and Cable Mgmt- Kit	2,500.00	1,750.00
N7K-C7018-FAN=	Nexus 7000 - 18 Slot Fan	3,000.00	2,100.00
N7K-C7018-F-BLANK=	Nexus 7018 Fabric Module Blank	100.00	70.00
N7K-C7018-FD-MB	Nexus 7018 Front Door Kit	1,500.00	1,050.00
N7K-C7018-LEDS=	Nexus 7018 Chassis LEDs Kit	100.00	70.00
N7K-C7018-RMK=	Nexus 7018 Rack Mount Kit	250.00	175.00
N7K-C7018-SHPPKG=	Nexus 7018 Shipping Packaging	3,000.00	2,100.00
N7K-CLK-BLANK=	Nexus 7000 Network Clock Module Blank	50.00	35.00
N7K-CPF-2GB	Nexus Compact Flash Memory 2GB (Expansion Flash - Slot 0)	1,200.00	840.00
N7K-CPF-8GB=	Nexus 7K Compact Flash Memory - 8GB (Log Flash)	1,400.00	980.00
N7K-DC-CAB=	Nexus 7000 - DC 48V-48V Cable (Spare)	1,100.00	770.00
N7K-DC-CAB-CAN=	Nexus 7000 - DC 48V-48V Cable, Canada	1,100.00	770.00
N7K-DC-PIU	Nexus 7000 - DC Power Interface Unit	1,600.00	1,120.00
N7K-MODULE-BLANK=	Nexus 7000 Module Blank Slot Cover	100.00	70.00
N7K-PS-BLANK=	Nexus 7010 Chassis Power Supply Blank Slot Cover	50.00	35.00
N7K-PS-BLANK-H=	Nexus 7018 Chassis Power Supply Blank with Handle	50.00	35.00
N7K-RMK=	Nexus 7000 Rack Mount Kit	250.00	175.00
N7K-SUP1-8GBUPG	Nexus 7000 Supervisor 1 8GB Memory Upgrade Kit	4,000.00	2,800.00
N7K-SUP-BLANK=	Nexus 7000 Supervisor Blank Slot Cover	100.00	70.00
N7K-USB-2GB	Nexus 7K USB Flash Memory - 2GB (Expansion Flash)	1,200.00	840.00
N7K-USB-8GB	Nexus 7K USB Flash Memory - 8GB (Log Flash)	1,400.00	980.00



**SMARTnet Maintenance Options**

**8x5xNBD SMARTnet**

CON-SNT-C701LB	SMARTNET 8X5XNBD Nexus 7000 Lab Bundle	9,156.00	9,156.00
CON-SNT-C701PB	SMARTNET 8X5XNBD Nexus 7010 Bundle	9,156.00	9,156.00
CON-SNT-N7KC7018	SMARTNET 8X5XNBD 18 Slot Chassis, No Power Supplies, Fans	15,238.00	15,238.00
CON-SNT-C701BN	SMARTNET 8X5XNBD Nexus 7010 Bundle	7,477.00	7,477.00
CON-SNT-C701BR	SMARTNET 8X5XNBD Nexus 7010 Bundle	8,488.00	8,488.00
CON-SNT-N71DM1	SMARTNET 8X5XNBD Demo Bundle for eligible partners	8,400.00	8,400.00
CON-SNT-LDCNMN7K	SMARTNET 8X5XNBD SW APP SUPP+UPGRADE R DCNM LIC FOR 1xN	0.00	0.00
CON-SNT-7DCNMP5	SMARTNET 8X5XNBD SW APP SUPP+UPGRADE R DCNM LIC FOR 1xN	0.00	0.00
CON-SNT-7FS8F1P	SMARTNET 8X5XNBD Nexus 7018 Fabric Switch incl. 8x N7K-F1	15,238.00	15,238.00
CON-SNT-N7C7P1ST	SMARTNET 8X5XNBD Nexus 7000 Starter K	9,156.00	9,156.00
CON-SNT-N7RP1FP	SMARTNET 8X5XNBD N7K 7010 redundant bundle for Fabric Pth	8,488.00	8,488.00
CON-SNT-7009B2	SMARTNET 8X5XNBD Nexus 7009 Bun, Chss,SUP1,(5)FAB2	8,526.00	8,526.00
CON-SNT-7009B2R	SMARTNET 8X5XNBD Nexus 7009 Bun, Chss,(2)SUP1,(5)FAB2	8,526.00	8,526.00
CON-SNT-7010B2	SMARTNET 8X5XNBD Nexus 7010 Bundle (Chassis,SUP1,(5)FAB2	9,156.00	9,156.00
CON-SNT-7010B2R	SMARTNET 8X5XNBD Nexus 7010 Bundle (Chassis,(2)SUP1	9,156.00	9,156.00
CON-SNT-N7ASAS60	SMARTNET 8X5XNBD Cisco Nexus 7010 and Cisco ASA 5585-X	0.00	0.00
CON-SNT-N7NAMAPL	SMARTNET 8X5XNBD Cisco Nexus 7010 and Cisco NAM 2220 App	0.00	0.00
CON-SNT-C7009	SMARTNET 8X5XNBD 9 Slot Chassis, No Power Supply Incl Fan	8,526.00	8,526.00
CON-SNT-7009B	SMARTNET 8X5XNBD Nexus 7009 Bundle (Chassis,SUP1,(5)FAB2	7,346.00	7,346.00
CON-SNT-7009BR	SMARTNET 8X5XNBD Nexus 7009 Bundle (Chassis,(2)SUP1	8,314.00	8,314.00
CON-SNT-7009B2P13	SMARTNET 8X5XNBD Nexus 7009 Promo Bun	8,526.00	8,526.00
CON-SNT-10B27KS2	SMARTNET 8X5XNBD Nexus 7010 Bundle (C	9,156.00	9,156.00
CON-SNT-7X9B2P2	SMARTNET 8X5XNBD Nexus 7009 Promo Bun	8,526.00	8,526.00
CON-SNT-10B27K2R	SMARTNET 8X5XNBD Nexus 7010 Bundle (C	9,156.00	9,156.00
CON-SNT-7X9B2S2R	SMARTNET 8X5XNBD Nexus 7009 Bundle (C	8,526.00	8,526.00
CON-SNT-10B2S2ER	SMARTNET 8X5XNBD Nexus 7010 Bundle (C	9,156.00	9,156.00
CON-SNT-7X9B2S2	SMARTNET 8X5XNBD Nexus 7009 Bundle (C	8,526.00	8,526.00
CON-SNT-7X9B2S2E	SMARTNET 8X5XNBD Nexus 7009 Bundle (C	8,526.00	8,526.00
CON-SNT-10B2S2E	SMARTNET 8X5XNBD Nexus 7010 Bundle (C	9,156.00	9,156.00
CON-SNT-N7K-C7009	SMARTNET 8X5XNBD Nexus7009 Bundle(Cha	8,526.00	8,526.00
CON-SNT-7X9B2P2E	SMARTNET 8X5XNBD Nexus 7009 Promo Bun	8,526.00	8,526.00
CON-SNT-N7P1FP	N7K 7010 non redundant bundle for Fabric Path	7,477.00	7,477.00

**24x7x4 SMARTnet**

CON-SNTP-C701LB	SMARTNET 24X7X4 Nexus 7000 Lab Bundle	14,650.00	14,650.00
CON-SNTP-C701PB	SMARTNET 24X7X4 Nexus 7010 Bundle	14,650.00	14,650.00
CON-SNTP-N7KC7018	SMARTNET 24X7X4 18 Slot Chassis, No Power Supplies, Fans	24,381.00	24,381.00
CON-SNTP-C701BN	SMARTNET 24X7X4 Nexus 7010 Bundle	11,963.00	11,963.00
CON-SNTP-C701BR	SMARTNET 24X7X4 Nexus 7010 Bundle	13,581.00	13,581.00
CON-SNTP-N71DM1	SMARTNET 24X7X4 Demo Bundle for eligible partners	13,440.00	13,440.00
CON-SNTP-LDCNMN7K	SMARTNET 24X7X4 SW APP SUPP+UPGRADE R DCNM LIC FOR 1xN7K	0.00	0.00
CON-SNTP-7DCNMP5	SMARTNET 24X7X4 SW APP SUPP+UPGRADE R DCNM LIC FOR 1xN7K	0.00	0.00
CON-SNTP-7FS8F1P	SMARTNET 24X7X4 Nexus 7018 Fabric Switch incl. 8x N7K-F1	24,381.00	24,381.00
CON-SNTP-N7C7P1ST	SMARTNET 24X7X4 Nexus 7000 Starter K	14,650.00	14,650.00
CON-SNTP-N7RP1FP	SMARTNET 24X7X4 N7K 7010 redundant bundle for Fabric Pth	13,581.00	13,581.00
CON-SNTP-7009B2	SMARTNET 24X7X4 Nexus 7009 Bun, Chss,SUP1,(5)FAB2	13,642.00	13,642.00
CON-SNTP-7009B2R	SMARTNET 24X7X4 Nexus 7009 Bun, Chss,(2)SUP1,(5)FAB2	13,642.00	13,642.00
CON-SNTP-7010B2	SMARTNET 24X7X4 Nexus 7010 Bundle (Chassis,SUP1,(5)FAB2	14,650.00	14,650.00
CON-SNTP-7010B2R	SMARTNET 24X7X4 Nexus 7010 Bundle (Chassis,(2)SUP1	14,650.00	14,650.00
CON-SNTP-N7ASAS60	SMARTNET 24X7X4 Cisco Nexus 7010 and Cisco ASA 5585-X	0.00	0.00
CON-SNTP-N7NAMAPL	SMARTNET 24X7X4 Cisco Nexus 7010 and Cisco NAM 2220 App	0.00	0.00
CON-SNTP-C7009	SMARTNET 24X7X4 9 Slot Chassis, No Power Supply Incl Fan	13,642.00	13,642.00
CON-SNTP-7009B	SMARTNET 24X7X4 Nexus 7009 Bundle (Chassis,SUP1,(5)FAB2	11,754.00	11,754.00
CON-SNTP-7009BR	SMARTNET 24X7X4 Nexus 7009 Bundle (Chassis,(2)SUP1	13,302.00	13,302.00
CON-SNTP-N7P1FP	N7K 7010 non redundant bundle for Fabric Path	11,963.00	11,963.00
CON-SNTP-7009B2P13	SMARTNET 24X7X4 Nexus 7009 Promo Bun	13,642.00	13,642.00
CON-SNTP-7X9B2P2	SMARTNET 24X7X4 Nexus 7009 Promo Bun	13,642.00	13,642.00
CON-SNTP-10B27K2R	SMARTNET 24X7X4 Nexus 7010 Bundle (C	14,650.00	14,650.00
CON-SNTP-10B2S2ER	SMARTNET 24X7X4 Nexus 7010 Bundle (C	14,650.00	14,650.00
CON-SNTP-7X9B2S2	SMARTNET 24X7X4 Nexus 7009 Bundle (C	13,642.00	13,642.00
CON-SNTP-7X9B2S2E	SMARTNET 24X7X4 Nexus 7009 Bundle (C	13,642.00	13,642.00
CON-SNTP-10B2S2E	SMARTNET 24X7X4 Nexus 7010 Bundle (C	14,650.00	14,650.00
CON-SNTP-7X9B2P2E	SMARTNET 24X7X4 Nexus 7009 Promo Bun	13,642.00	13,642.00
CON-SNTP-10B27KS2	SMARTNET 24X7X4 Nexus 7010 Bundle (C	14,650.00	14,650.00
CON-SNTP-7X9B2S2R	SMARTNET 24X7X4 Nexus 7009 Bundle (C	13,642.00	13,642.00
CON-SNTP-N7K-C7009	SMARTNET 24X7X4 Nexus7009 Bundle(Cha	13,642.00	13,642.00
CON-SNTP-N7K4S2	SMARTNET 24X7X4 Nexus 7004 Bundle (C	8,918.00	8,918.00
CON-SNTP-N7K4S2E	SMARTNET 24X7X4 Nexus 7004 Bundle (C	8,918.00	8,918.00
CON-SNTP-C7004	SMARTNET 24X7X4 Nexus 7000 4-Slot Ch	8,918.00	8,918.00
CON-SNTP-N7KC704	SMARTNET 24X7X4 Nexus 7000 4-Slot Ch	8,918.00	8,918.00
CON-SNTP-N7K4S2ER	SMARTNET 24X7X4 Nexus7004 Bundle(Cha	8,918.00	8,918.00
CON-SNTP-N7K4S2R	SMARTNET 24X7X4 Nexus 7004 Bundle (C	8,918.00	8,918.00

## Cisco Nexus 5000 & Nexus 5500

The Cisco Nexus® 5000 and 5500 Series Switches comprise a family of line-rate, low-latency, lossless 10 Gigabit Ethernet and Fibre Channel over Ethernet (FCoE) switches for data center applications. With low latency, front-to-back cooling, and rear-facing ports, the Cisco Nexus 5000 and 5500 Series is designed for data centers transitioning to 10 Gigabit Ethernet as well as those ready to deploy a unified fabric that can handle their LAN, SAN, and server clusters, providing networking over a single link (or dual links for redundancy).

In addition to supporting standard 10 Gigabit Ethernet network interface cards (NICs) on servers, the Cisco Nexus 5000 and 5500 Series integrates with multifunction adapters called converged network adapters (CNAs) that combine the functions of Ethernet NICs and Fibre Channel host bus adapters (HBAs), making the transition to a single, unified network fabric transparent and consistent with existing practices, management software, and OS drivers. The switch family is compatible with integrated transceivers and Twinax cabling solutions that deliver cost-effective connectivity for 10 Gigabit Ethernet to servers at the rack level, eliminating the need for expensive optical transceivers.

The Cisco Nexus 5010 is a 1RU, 10 Gigabit Ethernet, FCoE, and Fibre Channel switch providing more than 520-Gbps throughput with very low latency. It has 20 fixed 10 Gigabit Ethernet and FCoE SFP+ ports. The first 8 fixed ports are dual speed, supporting both 10 Gigabit Ethernet and Gigabit Ethernet in hardware and providing a smooth migration path to 10 Gigabit Ethernet. The Cisco Nexus 5020 is a two-rack-unit (2RU), 10 Gigabit Ethernet, FCoE, and Fibre Channel switch built to provide 1.04 terabits per second (Tbps) throughput with very low latency (Figure 2). It has 40 fixed 10 Gigabit Ethernet and FCoE Small Form-Factor Pluggable Plus (SFP+) ports. The Cisco Nexus 5000 Series is equipped to support expansion modules that can be used to increase the number of 10 Gigabit Ethernet and FCoE ports or connect to Fibre Channel SANs with 4/2/1-Gbps Fibre Channel switch ports, or both. The Nexus 5010 supports one expansion module, and the Cisco Nexus 5020 supports any combination of two modules.

The Cisco Nexus 5500 platform extends the industry-leading versatility of the Cisco Nexus 5000 Series Switches of purpose-built 10 Gigabit Ethernet data center-class switches and provides innovative advances toward higher density, lower latency, and multilayer services. The Cisco Nexus 5500 platform is well suited for enterprise-class data center server access-layer deployments across a diverse set of physical, virtual, storage-access, and high-performance computing (HPC) data center environments.

The Cisco Nexus 5548P Switch is the first of the Cisco Nexus 5500 platform switches. It is a one-rack-unit (1RU) 10 Gigabit Ethernet and FCoE switch offering up to 960-Gbps throughput and up to 48 ports. The switch has 32 1/10-Gbps fixed Enhanced Small Form-Factor Pluggable (SFP+) Ethernet and FCoE ports and one expansion slot. The Cisco Nexus 5500 platform is equipped with expansion modules that can be used to increase the number of 10 Gigabit Ethernet and FCoE ports or to connect to Fibre Channel SANs with 8/4/2/1-Gbps Fibre Channel switch ports, or both. In addition to these expansion modules, the Cisco Nexus 5548P supports a Layer 3 daughter card that can be ordered with the system or as a spare (field upgradable). This daughter card provides up to 160 Gbps of Layer 3 forwarding capability (240 million packets per second [mpps]) that can be shared by all 48 ports in the chassis.

You can learn more about the Cisco Nexus 5000 and 5500 Series Switches on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-nexus5k>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
Mike Kling    mikling@cisco.com    225-218-2010

<b>Cisco Product SKU</b>	<b>Description</b>	<b>USD List Price</b>	<b>EPL Price</b>
<b>Nexus 5000 Series Chassis</b>			
N5K-C5010P-BF	N5000 1RU Chassis no PS 2 Fan Modules 20 ports (req SFP+)	17,250.00	12,075.00
N5K-C5020P-BF	N5000 2RU Chassis no PS 5 Fan Modules 40 ports (req SFP+)	34,500.00	24,150.00
N5K-C5010P-B-S	Nexus 5010 Solutions Kit, 8G FC Unified Fabric	23,300.00	16,310.00
N5K-C5020P-B-S	Nexus 5020 Solutions Kit, 8G FC Unified Fabric	45,000.00	31,500.00

### Nexus 5000 Series Software

DCNM-LAN-N5K-K9	DCNM for LAN Advanced Edt. for Nexus 5000	1,000.00	700.00
DCNM-LS-N5K-K9=	DCNM Converged Advanced Edt. for Nexus 5000	7,500.00	5,250.00
DCNM-NXACC-100-K9=	DCNM 100 license for Nexus 5k/2k,1k,4k	0.00	0.00
DCNM-SAN-N5K-K9	DCNM for SAN License for Nexus 5000	7,000.00	4,900.00
L-DCNM-L-N5K-K9=	DCNM for LAN Advanced Edt. for Nexus 5000	1,000.00	700.00
L-DCNM-S-N5K-K9	E-Delivery DCNM for SAN Advanced Edition for Nexus 5000 pak	7,000.00	4,900.00
N5KUK9-401AN1.1=	Nexus 5000 Base OS Software Rel 4.0.1a.N1.1, spare	100.00	70.00
N5KUK9-502N1.1=	Nexus 5000 Base OS Software Rel 5.0(2)N1(1)	100.00	70.00
N5KUK9-503N1.1=	Nexus 5000 Base OS Software Rel 5.0(3)N1(1)	100.00	70.00
N5KUK9-503N2.1=	Nexus 5000 Base OS Software Rel 5.0(3)N2(1)	100.00	70.00
N5KUK9-503N2.1=	Nexus 5000 Base OS Software Rel 5.0(3)N2(1)	100.00	70.00
N5KUK9-513N1.1=	Nexus 5000 Base OS Software Rel 5.1(3)N1(1)	100.00	70.00

### Nexus 5000 Software License Options

L-N5000FMS1K9	Nexus 5000 Fabric Manager Server License (eDelivery)	7,000.00	4,900.00
N5000FMS1K9	Nexus 5000 Fabric Manager Server License	7,000.00	4,900.00
N5010-SSK9	Nexus 5010 Storage Protocols Services License	12,000.00	8,400.00
N5020-SSK9	Nexus 5020 Storage Protocols Services License	24,000.00	16,800.00

### Nexus 5000 Expansion Options

N5K-M1404	N5000 1000 Series Mod 4x10GE 4xFC 4/2/1G(req SFP+/SFP)	5,200.00	3,640.00
N5K-M1600	N5000 1000 Series Module 6port 10GE(req SFP+)	5,400.00	3,780.00
N5K-M1008	N5000 1000 Series Module 8xFC 4/2/1 G (req SFP)	3,200.00	2,240.00
N5K-M1060	N5000 1000 Series Module 6port 8/4/2/1G FC	3,200.00	2,240.00

### Nexus 5000 Power Supplies and Cables (spares)

N5K-PAC-550W	Nexus 5010 PSU module, 100-240VAC 550W	750.00	525.00
N5K-PAC-750W	Nexus 5020 PSU module, 100-240VAC 750W	1,200.00	840.00
N5K-PAC-1200W	Nexus 5020 PSU module, 100-240VAC 1200W	1,500.00	1,050.00
CAB-N5K6A-NA=	Power Cord, 210/220V 30A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00
CAB-C13-C14-JMPR=	Recessed receptical AC power cord 27in	50.00	35.00
CAB-C13-C14-2M=	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	50.00	35.00
CAB-9K12A-NA=	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	25.00	17.50
CAB-C13-CBN	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	100.00	70.00

### Nexus 5000 SMARTnet Maintenance (8x5xNBD)

CON-SNT-N5010	SMARTNET 8X5XNBD N5000 1RU Chassis no PS 2 Fan Modules	1,380.00	1,380.00
CON-SNT-N5020	SMARTNET 8X5XNBD N5000 2RU Chassis no PS 5	2,760.00	2,760.00
CON-SNT-N5404	SMARTNET 8X5XNBD N5000 1000 Series Mod 4x10GE 4xFC 4/2/1G	416.00	416.00
CON-SNT-N5008	SMARTNET 8X5XNBD N5000 1000 Series Module 8xFC 4/2/1 G	256.00	256.00
CON-SNT-N5404	SMARTNET 8X5XNBD N5000 1000 Series Mod 4x10GE 4xFC 4/2/1G	416.00	416.00
CON-SNT-N5060	SMARTNET 8X5XNBD N5000 1000 Series Module	256.00	256.00
CON-SNT-N51SK	SMARTNET 8X5XNBD Nexus 5010 Storage Protocols Svc License	1,800.00	1,800.00
CON-SNT-N5SSK	SMARTNET 8X5XNBD Nexus 5020 Storage Protocols Svc License	3,600.00	3,600.00

### Nexus 5500 Series Chassis

N5K-C5548P-FA	Nexus 5548P 1RU Chassis, 2 PS, 2 Fan, 32 Fixed 10GE Ports	25,600.00	17,920.00
N5K-C5548UP-FA	Nexus 5548 UP Chassis, 32 10GbE Ports, 2 PS, 2 Fans	25,600.00	17,920.00
N5K-C5596UP-FA	Nexus 5596UP 2RU Chassis, 2PS, 4 Fans, 48 Fixed 10GE Ports	36,800.00	25,760.00
N5596UP-B-FC48	Nexus 5596UP, 48 FC transceiver, 48p storage license	45,000.00	31,500.00
N5K-C5596T-FA	Nexus 5596T 2RU, 2PS/4Fans, 32x10GT/16xSFP+ Fixed Ports	40,500.00	28,350.00

### Nexus 5500 Chassis Bundle

N5K-C5548UP-B-S32	N5548UP Storage Solutions Bundle, 32 port storage serv Licen	29,600.00	20,720.00
N5K-C5548UPM-B-S48	N5548UP Storage Solutions Bundle, 48 port storage serv Licen	42,000.00	29,400.00
N5K-C5548UP-DEMO	Nexus 5548UP Chassis Demo Bundle, Not for Resale	33,000.00	23,100.00
N5K-C5596UPM-B-S96	N5596UP Storage Solutions Bundle, 96 port storage serv Licen	56,000.00	39,200.00
N5K-C5596UP-B-S48	N5596UP Storage Solutions Bundle, 48 port storage serv Licen	42,000.00	29,400.00
N5548UPM-4N2232PF	Nexus 5548UP/Expansion Module/4xN2232PP/64xFET	74,000.00	51,800.00
N5596UP-4N2232PF	Nexus 5596UP/4xN2232PP/64xFET	74,000.00	51,800.00
N5548UP-4N2248TP	Nexus 5548UP/4xN2248TP	51,000.00	35,700.00
N5548UP-4N2248TF	Nexus 5548UP/4xN2248TP/32xFET	56,000.00	39,200.00
N5548UPM-6N2248TF	Nexus 5548UP/Expansion Module/6xN2248TP/48xFET	81,000.00	56,700.00
N5548UPM-6N2248TP	Nexus 5548UP/Expansion Module/6xN2248TP	73,500.00	51,450.00
N5596UPM-8N2248TP	Nexus 5596UP/8xN2248TP/Expansion Module	97,000.00	67,900.00
N5596UPM-8N2248TF	Nexus 5596UP/8xN2248TP/64xFET/Expansion Module	106,000.00	74,200.00
N5596UP-6N2248TP	Nexus 5596UP/6xN2248TP	73,500.00	51,450.00
N5596UP-6N2248TF	Nexus 5596UP/6xN2248TP/48xFET	81,000.00	56,700.00
N5548UP-4N2248TR	Nexus 5548UP/4xN2248TP/20xSFP-10G-SR	73,000.00	51,100.00
N5548UPM-6N2248TR	Nexus 5548UP/Expansion Module/6xN2248TP/30xSFP-10G-SR	107,000.00	74,900.00
N5596UP-6N2248TR	Nexus 5596UP/6xN2248TP/30xSFP-10G-SR	108,000.00	75,600.00
N5596UPMM-12N2248T	Nexus 5596UP/2 x Expansion Module/12 x N2248TP/96 x FET	150,000.00	105,000.00
N5548UPL3-2N2248TF	Nexus 5548UP/L3 Daughter Card/2 x N2248/16 x FET	54,000.00	37,800.00
N5548UPM-4FEX	Nexus 5548UP/Expansion Module/4 x FEX	74,000.00	51,800.00
N5596UP-4FEX	Nexus 5596UP/4 x FEX	74,000.00	51,800.00
N5596UPM-6FEX	Nexus 5596UP/Expansion Module/6 x FEX	103,000.00	72,100.00
N5596UPMM-8FEX	Nexus 5596UP/2 x Expansion Module/8 x FEX	132,000.00	92,400.00
N5596UP-B-FC48	Nexus 5596UP, 48 FC transceiver, 48p storage license	45,000.00	31,500.00

### Nexus 5500 Software License Options

N55-8P-SSK9	Nexus 5500 Storage License, 8 Ports	3,200.00	2,240.00
N5000FMS1K9	Nexus 5000 Fabric Manager Server License	7,000.00	4,900.00
N55-LAN1K9	Layer 3 License for Nexus 5500 Platform	10,000.00	7,000.00

### Expansion Modules

N55-M12T	Nexus 5500 Module 12 ports 10G BaseT	9,200.00	6,440.00
N55-M16P	Nexus 5500 Module 16p 10GE Ethernet/FCoE	11,200.00	7,840.00
N55-M8P8FP	Nexus 5500 Module 8p 10GE Eth/FCoE + 8p 8/4/2/1G FC	11,200.00	7,840.00
N55-DL2	Nexus 5548 Daughter Card for L2-only chassis	0.00	0.00
N55-D160L3	Nexus 5548 Layer 3 Daughter Card	5,000.00	3,500.00
N55-M16UP	Nexus 5500 Unified Mod 16p 10GE Eth/FCoE OR 16p 8/4/2/1G FC	11,200.00	7,840.00
N55-M160L3	Nexus 5596 Layer 3 Expansion Module	5,000.00	3,500.00
N55-M160L3-V2=	Nexus 5596 Layer 3 Expansion Module, Version 2	5,000.00	3,500.00
N55-M-BLNK=	Nexus 5500 Module Blank Cover	75.00	52.50

### Fan Modules (spare)

N5548P-FAN=	Nexus 5548P Fan Module	300.00	210.00
N5548P-FAN-B=	Nexus 5548UP Fan Module with Back to Front Airflow	300.00	210.00
N5596UP-FAN=	Nexus 5596UP Fan Module	300.00	210.00
N5596UP-FAN-B=	Nexus 5596UP Fan Module with Back to Front Airflow	300.00	210.00

### Accessory Kits

N5548-ACC-KIT=	Nexus 5548 Chassis Accessory Kit	100.00	70.00
N5596-ACC-KIT=	Nexus 5596 Chassis Accessory Kit	100.00	70.00

### Nexus 5000 Power Supplies and Cables (spare)

N55-PAC-750W=	Nexus 5500 PS, 750W, Front to Back Airflow	1,200.00	840.00
N55-PAC-750W-B=	Nexus 5500 750W AC Power Supply with Back to Front Airflow	1,200.00	840.00
N55-PAC-1100W=	Nexus 5500 PS, 1100W, Front to Back Airflow	1,500.00	1,050.00
N55-PAC-1100W-B=	Nexus 5500 1100W AC Power Supply with Back to Front Airflow	1,500.00	1,050.00
N55-PAC-1100W-B	Nexus 5500 1100W AC Power Supply with Back to Front Airflow	0.00	0.00
N55-PDC-750W	Nexus 5500 750W DC Power Supply	1,000.00	700.00
N55-PDC-1100W=	Nexus 5500 1100W DC Power Supply	3,000.00	2,100.00
CAB-N5K6A-NA=	Power Cord, 210/220V 30A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00
CAB-C13-C14-JMPR=	Recessed receptical AC power cord 27in	50.00	35.00
CAB-C13-C14-2M=	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	50.00	35.00
CAB-9K12A-NA=	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	25.00	17.50
CAB-C13-CBN=	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	100.00	70.00

### Nexus 5000 and Nexus 5500 Transceivers and Cables

#### 10 GB SFP+ Optics

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50

#### 10 GB SFP+ Link Assemblies

SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter	150.00	105.00
SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	210.00	147.00
SFP-H10GB-CU5M	10GBASE-CU SFP+ Cable 5 Meter	260.00	182.00
SFP-H10GB-ACU7M	Active Twinax cable assembly, 7m	360.00	252.00
SFP-H10GB-ACU10M	Active Twinax cable assembly, 10m	410.00	287.00

#### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
SFP-GE-L=	1000BASE-LX/LH SFP (DOM)	1,100.00	770.00
SFP-GE-S=	1000BASE-SX SFP (DOM)	550.00	385.00
SFP-GE-T=	1000BASE-T SFP (NEBS 3 ESD)	440.00	308.00

#### Fibre Channel Optics

DS-SFP-FC4G-SW	4 Gbps Fibre Channel-SW SFP, LC	130.00	91.00
DS-SFP-FC4G-LW	4 Gbps Fibre Channel-LW SFP, LC, (10km Reach)	1,500.00	1,050.00
DS-SFP-FC8G-SW	8 Gbps Fibre Channel SW SFP+, LC	260.00	182.00
DS-SFP-FC8G-LW	8 Gbps Fibre Channel LW SFP+, LC	2,170.00	1,519.00

**Nexus 5500 SMARTnet Maintenance**

**8x5xNBD SMARTnet**

CON-SNT-N5020	SMARTNET 8X5XNBD N5000 2RU Chassis no PS 5	3,520.00	3,520.00
CON-SNT-5596UP	SMARTNET 8X5XNBD Nexus 5596UP 2RU Chassis, 2PS, 4 Fans	1,765.00	1,765.00
CON-SNT-C5548UPB	SMARTNET 8X5XNBD Nexus 5548UP in N5548UP-N2K Bundle	1,062.00	1,062.00
CON-SNT-5548POSM	SMARTNET 8X5XNBD Nexus 5548 Storage Solutions Bundle, Ful	2,201.00	2,201.00
CON-SNT-501SH	SMARTNET 8X5XNBD Nexus 5010, HP OSM version	3,286.00	3,286.00
CON-SNT-N502LE	SMARTNET 8X5XNBD Nexus 5000 Ethernet Lab Bundle	3,192.00	3,192.00
CON-SNT-N5010	SMARTNET 8X5XNBD N5000 1RU Chassis no PS 2 Fan Modules	1,760.00	1,760.00
CON-SNT-N501S	SMARTNET 8X5XNBD Nexus 5010 for storage partners	3,286.00	3,286.00
CON-SNT-N501LS	SMARTNET 8X5XNBD Nexus 5010 Storage Lab Bundle	3,178.00	3,178.00
CON-SNT-N501LE	SMARTNET 8X5XNBD Nexus 5010 Ethernet Lab Bundle	1,812.00	1,812.00
CON-SNT-502SH	SMARTNET 8X5XNBD Nexus 5020, HP OSM version	6,466.00	6,466.00
CON-SNT-20SHS	SMARTNET 8X5XNBD Nexus 5020 HP OSM sp	6,466.00	6,466.00
CON-SNT-10SHS	SMARTNET 8X5XNBD Nexus 5010 HP OSM sp	3,286.00	3,286.00
CON-SNT-501SI	SMARTNET 8X5XNBD Nexus 5010, IBM OSM	3,286.00	3,286.00
CON-SNT-502SI	SMARTNET 8X5XNBD Nexus 5020, IBM OSM	6,466.00	6,466.00
CON-SNT-N51BUN	SMARTNET 8X5XNBD Nexus 5010P in N5010P-N2K	999.00	999.00
CON-SNT-N52BUN	SMARTNET 8X5XNBD Nexus 5020P in N5020P-N2K	1,885.00	1,885.00
CON-SNT-N502BS	SMARTNET 8X5XNBD Nexus 5020 Solutions Kit, 8G FC Unified	4,738.00	4,738.00
CON-SNT-N501LSB	SMARTNET 8X5XNBD Nexus 5010 Storage Lab Bundle for UCS-C	3,436.00	3,436.00
CON-SNT-C5548P	SMARTNET 8X5XNBD Nexus 5548P 1RU Chassis, 2 PS, 2 Fan, 32	1,265.00	1,265.00
CON-SNT-5548BS16	SMARTNET 8X5XNBD Nexus 5548 Storage Solutions Bundle, 16	2,252.00	2,252.00
CON-SNT-C5548PB	SMARTNET 8X5XNBD Nexus 5548P in N5548P-N2K Bundle	1,062.00	1,062.00
CON-SNT-5548BS48	SMARTNET 8X5XNBD Nexus 5548 Storage Solutions Bundle, Ful	3,459.00	3,459.00
CON-SNT-C48UBS32	SMARTNET 8X5XNBD N5548UP Storage Solutions Bundle, 32 por	2,671.00	2,671.00
CON-SNT-C96UBS48	SMARTNET 8X5XNBD N5596UP Storage Solutions Bundle	3,925.00	3,925.00
CON-SNT-C96MBS96	SMARTNET 8X5XNBD N5596UP Storage Solution Bundle, 96 port	5,914.00	5,914.00
CON-SNT-C5596P	SMARTNET 8X5XNBD Nexus 5596P 2RU Chassis, 2PS, 4 Fans	1,765.00	1,765.00
CON-SNT-96UMF48	SMARTNET 8X5XNBD Nexus 5596UP with 3 Fibre Channel Mods	2,286.00	2,286.00
CON-SNT-96UMF16	SMARTNET 8X5XNBD Nexus 5548UP with one Fibre Channel Mod	1,921.00	1,921.00
CON-SNT-96UMF32	SMARTNET 8X5XNBD Nexus 5596UP with two Fibre Channel Mod	2,092.00	2,092.00
CON-SNT-48UMF16	SMARTNET 8X5XNBD Nexus 5548UP with one Fibre Channel Mod	1,393.00	1,393.00
CON-SNT-5596UPSM	SMARTNET 8X5XNBD Nexus 5596UP Storage Solns Bundle, Full	3,666.00	3,666.00
CON-SNT-5548UPIF	SMARTNET 8X5XNBD Nexus 5548UP Storage Solns Bundle, Full	3,669.00	3,669.00
CON-SNT-5596UPIF	SMARTNET 8X5XNBD Nexus 5596UP Storage Solns Bundle, Full	6,109.00	6,109.00
CON-SNT-5548UPSM	SMARTNET 8X5XNBD Nexus 5548UP Storage Solns Bundle, Full	2,201.00	2,201.00
CON-SNT-VCE5548	SMARTNET 8X5XNBD Nexus 5548 UP Chassi	1,265.00	1,265.00
CON-SNT-N501BS	SMARTNET 8X5XNBD Nexus 5010 Solutions Kit	2,405.00	2,405.00
CON-SNT-C48MBS48	SMARTNET 8X5XNBD N5548UP Storage Solutions Bundle	3,954.00	3,954.00
CON-SNT-5548UPBS	SMARTNET 8X5XNBD N5K-C5548UP-FA PID for N5K/N2K bundle	1,265.00	1,265.00
CON-SNT-C5548UP	SMARTNET 8X5XNBD Nexus 5548 UP Chassis, 32 10GbE Ports	1,265.00	1,265.00
CON-SNT-BUNNFAS	SMARTNET 8X5XNBD Nexus 5596 UP chassi	1,270.00	1,270.00
CON-SNT-5596UPN	SMARTNET 8X5XNBD Nexus 5548UP Chassis	1,765.00	1,765.00
CON-SNT-5596TFA	SMARTNET 8X5XNBD Nexus 5596T 2RU, 2PS	2,216.00	2,216.00
CON-SNT-N52N750	SMARTNET 8X5XNBD Nexus 5020P 2RU Switch for Netapp w 750W	3,520.00	3,520.00

**24x7x4 SMARTnet**

CON-SNTP-N5020	SMARTNET 24X7X4 N5000 2RU Chassis no PS 5	5,632.00	5,632.00
CON-SNTP-5596UP	SMARTNET 24X7X4 Nexus 5596UP 2RU Chassis, 2PS, 4 Fans	2,824.00	2,824.00
CON-SNTP-C5548UPB	SMARTNET 24X7X4 Nexus 5548UP in N5548UP-N2K Bundle	1,699.00	1,699.00
CON-SNTP-5548POSM	SMARTNET 24X7X4 Nexus 5548 Storage Solutions Bundle, Ful	3,522.00	3,522.00
CON-SNTP-501SH	SMARTNET 24X7X4 Nexus 5010, HP OSM version	5,258.00	5,258.00
CON-SNTP-N5010	SMARTNET 24X7X4 N5000 1RU Chassis no PS 2 Fan Modules	2,816.00	2,816.00
CON-SNTP-N501S	SMARTNET 24X7X4 Nexus 5010 for storage partners	5,258.00	5,258.00
CON-SNTP-N501LS	SMARTNET 24X7X4 Nexus 5010 Storage Lab Bundle	5,085.00	5,085.00
CON-SNTP-N501LE	SMARTNET 24X7X4 Nexus 5010 Ethernet Lab Bundle	2,899.00	2,899.00
CON-SNTP-502SH	SMARTNET 24X7X4 Nexus 5020, HP OSM version	10,346.00	10,346.00
CON-SNTP-20SHS	SMARTNET 24X7X4 Nexus 5020 HP OSM sp	10,346.00	10,346.00
CON-SNTP-10SHS	SMARTNET 24X7X4 Nexus 5010 HP OSM sp	5,258.00	5,258.00
CON-SNTP-501SI	SMARTNET 24X7X4 Nexus 5010, IBM OSM	5,258.00	5,258.00
CON-SNTP-502SI	SMARTNET 24X7X4 Nexus 5020, IBM OSM	10,346.00	10,346.00
CON-SNTP-N51BUN	SMARTNET 24X7X4 Nexus 5010P in N5010P-N2K	1,598.00	1,598.00
CON-SNTP-N52BUN	SMARTNET 24X7X4 Nexus 5020P in N5020P-N2K	3,016.00	3,016.00
CON-SNTP-N502BS	SMARTNET 24X7X4 Nexus 5020 Solutions Kit, 8G FC Unified	7,581.00	7,581.00
CON-SNTP-N501LSB	SMARTNET 24X7X4 Nexus 5010 Storage Lab Bundle for UCS-C	5,498.00	5,498.00
CON-SNTP-C5548P	SMARTNET 24X7X4 Nexus 5548P 1RU Chassis, 2 PS, 2 Fan, 32	2,024.00	2,024.00
CON-SNTP-5548BS16	SMARTNET 24X7X4 Nexus 5548 Storage Solutions Bundle, 16	3,603.00	3,603.00
CON-SNTP-C5548PB	SMARTNET 24X7X4 Nexus 5548P in N5548P-N2K Bundle	1,699.00	1,699.00
CON-SNTP-5548BS48	SMARTNET 24X7X4 Nexus 5548 Storage Solutions Bundle, Ful	5,534.00	5,534.00
CON-SNTP-N501BS	SMARTNET 24X7X4 Nexus 5010 Solutions Kit	3,848.00	3,848.00
CON-SNTP-C48UBS32	SMARTNET 24X7X4 N5548UP Storage Solutions Bundle, 32 por	4,274.00	4,274.00
CON-SNTP-C96UBS48	SMARTNET 24X7X4 N5596UP Storage Solutions Bundle	6,280.00	6,280.00
CON-SNTP-C96MBS96	SMARTNET 24X7X4 N5596UP Storage Solution Bundle, 96 port	9,462.00	9,462.00
CON-SNTP-C5596P	SMARTNET 24X7X4 Nexus 5596P 2RU Chassis, 2PS, 4 Fans	2,824.00	2,824.00
CON-SNTP-C5548UP	SMARTNET 24X7X4 Nexus 5548 UP Chassis, 32 10GbE Ports	2,024.00	2,024.00
CON-SNTP-96UMF48	SMARTNET 24X7X4 Nexus 5596UP with 3 Fibre Channel Mods	3,658.00	3,658.00
CON-SNTP-96UMF16	SMARTNET 24X7X4 Nexus 5548UP with one Fibre Channel Mod	3,074.00	3,074.00
CON-SNTP-96UMF32	SMARTNET 24X7X4 Nexus 5596UP with two Fibre Channel Mod	3,347.00	3,347.00
CON-SNTP-48UMF16	SMARTNET 24X7X4 Nexus 5548UP with one Fibre Channel Mod	2,229.00	2,229.00
CON-SNTP-48UPDEMO	SMARTNET 24X7X4 Nexus 5548UP Chassis Demo Bundle, Not fo	7,635.00	7,635.00
CON-SNTP-96UPDEMO	SMARTNET 24X7X4 Nexus 5596UP Chassis Demo Bundle, Not fo	9,472.00	9,472.00
CON-SNTP-5596UPSM	SMARTNET 24X7X4 Nexus 5596UP Storage Solns Bundle, Full	5,866.00	5,866.00
CON-SNTP-5548UPIF	SMARTNET 24X7X4 Nexus 5548UP Storage Solns Bundle, Full	5,870.00	5,870.00
CON-SNTP-5596UPIF	SMARTNET 24X7X4 Nexus 5596UP Storage Solns Bundle, Full	9,774.00	9,774.00
CON-SNTP-5548UPSM	SMARTNET 24X7X4 Nexus 5548UP Storage Solns Bundle, Full	3,522.00	3,522.00
CON-SNTP-VCE5548	SMARTNET 24X7X4 Nexus 5548 UP Chassi	2,024.00	2,024.00
CON-SNTP-C48MBS48	SMARTNET 24X7X4 N5548UP Storage Solutions Bundle	6,326.00	6,326.00
CON-SNTP-5548UPBS	SMARTNET 24X7X4 N5K-C5548UP-FA PID for N5K/N2K bundle	2,024.00	2,024.00
CON-SNTP-5596UPFC	SMARTNET 24X7X4 Nexus 5596UP, 48 FC transceiver, 48p sto	3,610.00	3,610.00
CON-SNTP-5596TFA	SMARTNET 24X7X4 Nexus 5596T 2RU, 2PS	3,546.00	3,546.00
CON-SNTP-BUNNFAS	SMARTNET 24X7X4 Nexus 5596 UP chassi	2,032.00	2,032.00
CON-SNTP-5596UPN	SMARTNET 24X7X4 Nexus 5548UP Chassis	2,824.00	2,824.00
CON-SNTP-N52N750	SMARTNET 24X7X4 Nexus 5020P 2RU Switch for Netapp w 750W	5,632.00	5,632.00



## Cisco Nexus 3000 Series Switches

The Cisco Nexus® 3064 Switch is a high-performance, high-density, ultra-low-latency Ethernet switch that is part of the new Cisco Nexus 3000 Series Switches. This compact one-rack-unit (1RU) form factor 1 and 10 Gigabit Ethernet switch provides line-rate Layer 2 and 3 switching. The switch runs the industry-leading Cisco® NX-OS Software operating system, providing customers with robust features and functionality that are widely deployed globally. The Cisco Nexus 3064 is well suited for financial co-location deployments that require support for robust unicast and multicast routing protocol features at ultra-low latencies.

The Cisco Nexus 3064 provides the following main benefits: Ultra-low latency - The Cisco Nexus 3064 delivers ultra-low nominal latency that enables customers to implement high-performance infrastructures for high-frequency trading workloads, Wire-rate Layer 2 and 3 switching on all 64 10 Gigabit Ethernet ports, Layer 2 and 3 switching of up to 1.2 terabits per second (Tbps) and more than 950 million packets per second (mpps) in a compact 1RU form-factor switch, the purpose-built on Cisco NX-OS operating system with comprehensive, proven innovations, a modular OS built for resiliency, full Layer 3 routing protocol suites, including Border Gateway Protocol (BGP), Open Shortest path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), and Routing Information Protocol Version 2 (RIPv2), and integration with Cisco Data Center Network Manager (DCNM) and XML management tools.

You can learn more about the Cisco Nexus 3000 Series switches on Cisco's website at the following URL:

<http://tinyurl.com/cisco-nexus3000>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>Nexus 3000 Series Switches</b>			
N3K-C3016Q-40GE	Nexus 3016Q-40GE 1RU 16p 40GE switch, no p/s, no fan-tray	60,800.00	42,560.00
N3K-C3048TP-1GE	Nexus 3048TP-1GE 1RU 48 x 10/100/1000 and 4 x 10GE ports	12,500.00	8,750.00
N3K-C3064PQ-10GE	Nexus 3064-E, 48 SFP+, 4 QSFP+ ports, with enh scale	48,000.00	33,600.00
N3K-C3064PQ-10GX	Nexus 3064-X, 48 SFP+, 4 QSFP+ ports, with enh scale, low-l	48,000.00	33,600.00
N3K-C3064TQ-10GT	Nexus 3064-T, 48 x 10GBase-T and 4 QSFP+ ports	53,400.00	37,380.00
N3K-C3548P-10G	Nexus 3548, 48 SFP+ ports	41,000.00	28,700.00
<b>Nexus 3000 License Options</b>			
L-N3K-BAS1K9=	Nexus 3000 Base License, eDelivery	5,000.00	3,500.00
L-N3K-LAN1K9=	Nexus 3000 LAN Enterprise License, eDelivery	10,000.00	7,000.00
N3548-ALGK9=	Nexus 3548 Algo Boost License Spare	10,000.00	7,000.00
N3548-BAS1K9=	Nexus 3548 Base License Spare	5,000.00	3,500.00
N3548-LAN1K9=	Nexus 3548 Layer 3 LAN Enterprise License Spare	10,000.00	7,000.00
N3K-BAS1K9=	Nexus 3000 Base License, Spare	5,000.00	3,500.00
N3K-C3048-BAS1K9=	Nexus 3048 Base License	1,500.00	1,050.00
N3K-C3048-LAN1K9=	Nexus 3048 LAN Enterprise License	3,500.00	2,450.00
N3K-LAN1K9=	Nexus 3000 LAN Enterprise License (L3 Protocols)	10,000.00	7,000.00

### Nexus 3000 Series Software

DCNM-LAN-N3K-K9=	DCNM for LAN Advanced Edt. for Nexus 3000	1,000.00	700.00
DCNM-NXACC-100-K9=	DCNM 100 license for Nexus 5k/2k,1k,4k	0.00	0.00
L-DCNM-L-N3K-K9=	DCNM for LAN Advanced Edt. for Nexus 3000	1,000.00	700.00
N3K-C3048-BAS1K9	Nexus 3048 Base License	1,500.00	1,050.00
N3K-C3048-LAN1K9	Nexus 3048 LAN Enterprise License	3,500.00	2,450.00
N3KUK9-503A1.1	NX-OS Release 5.0(3)A1(1)	0.00	0.00
N3KUK9-503U1.1A	NX-OS Release 5.0(3)U(1)1A	0.00	0.00
N3KUK9-503U2.1	NX-OS Release 5.0(3)U2(1)	0.00	0.00
N3KUK9-503U2.2	NX-OS Release 5.0(3)U2(2)	0.00	0.00
N3KUK9-503U2.2A	NX-OS Release 5.0(3)U2(2a)	0.00	0.00
N3KUK9-503U2.2B	NX-OS Release 5.0(3)U2(2b)	0.00	0.00
N3KUK9-503U2.2C	NX-OS Release 5.0(3)U2(2c)	0.00	0.00
N3KUK9-503U3.1	NX-OS Release 5.0(3)U3(1)	0.00	0.00
N3KUK9-503U3.2	NX-OS Release 5.0(3)U3(2)	0.00	0.00
N3KUK9-503U3.2A	NX-OS Release 5.0(3)U3(2a)	0.00	0.00
N3KUK9-503U3.2B	NX-OS Release 5.0(3)U3(2b)	0.00	0.00
N3KUK9-503U4.1	NX-OS Release 5.0(3)U4(1)	0.00	0.00
N3KUK9-503U5.1A	NX-OS Release 5.0(3)U5(1a)	0.00	0.00
N3548-BAS1K9	Nexus 3548 Base License	5,000.00	3,500.00
N3548-ALGK9	Nexus 3548 Algo Boost License	10,000.00	7,000.00
N3548-LAN1K9	Nexus 3548 Layer 3 LAN Enterprise License	10,000.00	7,000.00

### Power Supplies and Cables (spare)

N2200-PAC-400W=	N2K/3K 400W AC Power Supply, Std airflow (Port side exhaust)	500.00	350.00
N2200-PDC-400W=	N2K 400W DC Power Supply, Std airflow (Port side exhaust)	900.00	630.00
N2200-PAC-400W-B=	N2K/N3K AC Power Supply, Reversed airflow (port side intake)	500.00	350.00
N3K-PDC-350W-B=	N3K Series 350W DC PSU, Reverse Airflow (port side intake)	800.00	560.00
N2200-P-BLNK=	N2K-C2200 Series Power Supply Blank, spare	75.00	52.50
CAB-N5K6A-NA=	Power Cord, 210/220V 30A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00
CAB-C13-C14-JMPR=	Recessed receptical AC power cord 27in	50.00	35.00
CAB-C13-C14-2M=	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	50.00	35.00
CAB-9K12A-NA=	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	25.00	17.50
CAB-C13-CBN=	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	100.00	70.00

### Fan Modules (spare)

N3K-C3048-FAN=	Nexus 3048 Fan Module, Port-side Exhaust	500.00	350.00
N3K-C3048-FAN-B=	Nexus 3048 Fan Module, Port-side intake	500.00	350.00
N3K-C3048-FAN=	Nexus 3064PQ Fan Mo. Front-to-Back Airflow, Facing ColdAisle	500.00	350.00
N3K-C3064-FAN-B=	Nexus 3064 Fan Module, Reversed airflow (port side intake)	500.00	350.00
NXA-FAN-30CFM-B=	Nexus 2K/3K Single Fan, std airflow (port side intake)	150.00	105.00
NXA-FAN-30CFM-F=	Nexus 2K/3K Single Fan, std airflow (port side exhaust)	150.00	105.00

### Accessory Kits (spare)

N3K-C3064-ACC-KIT=	Nexus 3064PQ Accessory Kit	100.00	70.00
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### Uplink Transceiver and Cable Options

#### 10 GB SFP+ Optics

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50

#### 10 GB SFP+ Link Assemblies

SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter	150.00	105.00
SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	210.00	147.00
SFP-H10GB-CU5M	10GBASE-CU SFP+ Cable 5 Meter	260.00	182.00
SFP-H10GB-ACU7M	Active Twinax cable assembly, 7m	360.00	252.00
SFP-H10GB-ACU10M	Active Twinax cable assembly, 10m	410.00	287.00

#### 1 GB SFP Optics

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50

### SMARTnet Maintenance (8x5xNBD and 24x7x4-hour)

#### 8x5xNBD SMARTnet

CON-SNT-3K64PQ	SMARTNET 8X5XNBD Nexus 3064PQ 1RU fixed chassis, no p/s,	2,444.00	2,444.00
CON-SNT-3K64FAL3	SMARTNET 8X5XNBD Nexus 3064PQ, Front-to-Back Airflow, LAN	2,444.00	2,444.00
CON-SNT-48TP1GE	SMARTNET 8X5XNBD Nexus 3048TP-1GE 1RU 48 1GE,4 10GE ports	624.00	624.00
CON-SNT-48BAL3	SMARTNET 8X5XNBD Nexus 3048, Rev Airflow,AC P/S, LAN Ent	624.00	624.00
CON-SNT-48FAL3	SMARTNET 8X5XNBD Nexus 3048, Std Airflow,AC P/S, LAN Ent	624.00	624.00
CON-SNT-48FDL3	SMARTNET 8X5XNBD Nexus 3048, Std Airflow,DC P/S, LAN Ent	624.00	624.00
CON-SNT-16Q40G	SMARTNET 8X5XNBD Nexus 3016Q-40GE 1RU 16p 40GE switch	3,140.00	3,140.00
CON-SNT-16FAL3	SMARTNET 8X5XNBD Nexus 3016, Std Airflow, AC P/S, LAN Ent	3,140.00	3,140.00
CON-SNT-16BAL3	SMARTNET 8X5XNBD Nexus 3016, Rev Airflow port side intake	3,140.00	3,140.00
CON-SNT-16FDL3	SMARTNET 8X5XNBD Nexus 3016, Std Airflow port side	3,140.00	3,140.00
CON-SNT-64EBDL3	SMARTNET 8X5XNBD Nexus 3064-E Rev Airflow	2,444.00	2,444.00
CON-SNT-64EFDL3	SMARTNET 8X5XNBD Nexus 3064-E Std Airflow D/C, LAN Ent Li	2,444.00	2,444.00
CON-SNT-64PQZMB	SMARTNET 8X5XNBD Nexus 3064 Back-to-Front airflow with L3	2,077.00	2,077.00
CON-SNT-64PQ10GE	SMARTNET 8X5XNBD Nexus 3064PQ-10GE 1RU switch, with enh s	2,444.00	2,444.00
CON-SNT-64EZMF	SMARTNET 8X5XNBD Nexus 3064-E Std Airflow (port side exh)	2,077.00	2,077.00
CON-SNT-64PQZMF	SMARTNET 8X5XNBD Nexus 3064 Front-to-Back airflow with L3	2,077.00	2,077.00
CON-SNT-64EFAL3	SMARTNET 8X5XNBD Nexus 3064-E, Std Airflow (port side ex)	2,444.00	2,444.00
CON-SNT-64EBAL3	SMARTNET 8X5XNBD Nexus 3064-E, Reversed Airflow (port sd)	2,444.00	2,444.00
CON-SNT-64EZMB	SMARTNET 8X5XNBD Nexus 3064-E Reversed Airflow (port sd)	2,077.00	2,077.00
CON-SNT-C30481PS	SMARTNET 8X5XNBD Nexus 3048TP-1GE 1RU 48 1GE and 4 10GE	624.00	624.00
CON-SNT-64PQ10GX	SMARTNET 8X5XNBD Nexus 3064-X, 48 SFP	2,444.00	2,444.00
CON-SNT-64XBDL3	SMARTNET 8X5XNBD Nexus 3064-X, Rev Ai	2,444.00	2,444.00
CON-SNT-64XBAL3	SMARTNET 8X5XNBD Nexus 3064-X, Rev Ai	2,444.00	2,444.00
CON-SNT-64XFDL3	SMARTNET 8X5XNBD Nexus 3064-X, Fwd Ai	2,444.00	2,444.00
CON-SNT-64XFAL3	SMARTNET 8X5XNBD Nexus 3064-X, Fwd Ai	2,444.00	2,444.00
CON-SNT-64TBAL3	SMARTNET 8X5XNBD Nexus 3064-T, Rev AF	2,820.00	2,820.00
CON-SNT-64TFAL3	SMARTNET 8X5XNBD Nexus 3064-T, Fwd AF	2,820.00	2,820.00
CON-SNT-48ZF1FA	SMARTNET 8X5XNBD Nexus 3048, std airf	624.00	624.00
CON-SNT-64TQ10G	SMARTNET 8X5XNBD Nexus 3064-T, 48 x 1	2,820.00	2,820.00
CON-SNT-3548P10G	SMARTNET 8X5XNBD Nexus 3548, 48 SFP+	2,503.00	2,503.00
CON-SNT-48PFAL3A	SMARTNET 8X5XNBD Nexus 3548+L3+Algo, Fwd Airflow (port si	2,503.00	2,503.00
CON-SNT-48PBAL3A	SMARTNET 8X5XNBD Nexus 3548+L3+Algo,	2,503.00	2,503.00
CON-SNT-48PBDL3A	SMARTNET 8X5XNBD Nexus 3548+L3+Algo,	2,503.00	2,503.00
CON-SNT-48PFDL3A	SMARTNET 8X5XNBD Nexus 3548+L3+Algo,	2,503.00	2,503.00
CON-SNT-3048ZMB	SMARTNET 8X5XNBD Nexus 3048 Rev Airfl	406.00	406.00
CON-SNT-3048ZMF	SMARTNET 8X5XNBD Nexus 3048 Std Airfl	406.00	406.00
CON-SNT-64XZM1F	SMARTNET 8X5XNBD Nexus 3064-X Fwd AF	2,077.00	2,077.00
CON-SNT-64XZM1B	SMARTNET 8X5XNBD Nexus 3064-X Rev AF	2,077.00	2,077.00
CON-SNT-64XZM2F	SMARTNET 8X5XNBD Nexus 3064-X Fwd AF (port side exhaust)	2,077.00	2,077.00
CON-SNT-64XZM2B	SMARTNET 8X5XNBD Nexus 3064-X Rev AF (port side intake)	2,077.00	2,077.00
CON-SNT-64EZM1F	SMARTNET 8X5XNBD Nexus 3064-E Fwd AF(	2,077.00	2,077.00
CON-SNT-64EZM1B	SMARTNET 8X5XNBD Nexus 3064-E Rev AF(	2,077.00	2,077.00

**24x7x4 SMARTnet**

CON-SNTP-16BAL3	SMARTNET 24X7X4 Nexus 3016, Rev Airflow port side intake	5,024.00	5,024.00
CON-SNTP-16FAL3	SMARTNET 24X7X4 Nexus 3016, Std Airflow, AC P/S, LAN Ent	5,024.00	5,024.00
CON-SNTP-16FDL3	SMARTNET 24X7X4 Nexus 3016, Std Airflow port side	5,024.00	5,024.00
CON-SNTP-16Q40G	SMARTNET 24X7X4 Nexus 3016Q-40GE 1RU 16p 40GE switch	5,024.00	5,024.00
CON-SNTP-3048ZMB	SMARTNET 24X7X4 Nexus 3048 Rev Airfl	650.00	650.00
CON-SNTP-3048ZMF	SMARTNET 24X7X4 Nexus 3048 Std Airfl	650.00	650.00
CON-SNTP-3548P10G	SMARTNET 24X7X4 Nexus 3548, 48 SFP+	4,005.00	4,005.00
CON-SNTP-3K64FAL3	SMARTNET 24X7X4 Nexus 3064PQ, Front-to-Back Airflow, LAN	3,910.00	3,910.00
CON-SNTP-3K64PQ	SMARTNET 24X7X4 Nexus 3064PQ 1RU fixed chassis, no p/s,	3,910.00	3,910.00
CON-SNTP-48BAL3	SMARTNET 24X7X4 Nexus 3048, Rev Airflow,AC P/S, LAN Ent	998.00	998.00
CON-SNTP-48FAL3	SMARTNET 24X7X4 Nexus 3048, Std Airflow,AC P/S, LAN Ent	998.00	998.00
CON-SNTP-48FDL3	SMARTNET 24X7X4 Nexus 3048, Std Airflow,DC P/S, LAN Ent	998.00	998.00
CON-SNTP-48PBAL3A	SMARTNET 24X7X4 Nexus 3548+L3+Algo,	4,005.00	4,005.00
CON-SNTP-48PBDL3A	SMARTNET 24X7X4 Nexus 3548+L3+Algo,	4,005.00	4,005.00
CON-SNTP-48PFAL3A	SMARTNET 24X7X4 Nexus 3548+L3+Algo, Fwd Airflow (port si	4,005.00	4,005.00
CON-SNTP-48PFDL3A	SMARTNET 24X7X4 Nexus 3548+L3+Algo,	4,005.00	4,005.00
CON-SNTP-48TP1GE	SMARTNET 24X7X4 Nexus 3048TP-1GE 1RU 48 1GE,4 10GE ports	998.00	998.00
CON-SNTP-48ZF1FA	SMARTNET 24X7X4 Nexus 3048, std airf	998.00	998.00
CON-SNTP-64EBAL3	SMARTNET 24X7X4 Nexus 3064-E, Reversed Airflow (port sd)	3,910.00	3,910.00
CON-SNTP-64EBDL3	SMARTNET 24X7X4 Nexus 3064-E Rev Airflow	3,910.00	3,910.00
CON-SNTP-64EFAL3	SMARTNET 24X7X4 Nexus 3064-E, Std Airflow (port side ex)	3,910.00	3,910.00
CON-SNTP-64EFDL3	SMARTNET 24X7X4 Nexus 3064-E Std Airflow D/C, LAN Ent Li	3,910.00	3,910.00
CON-SNTP-64EZM1B	SMARTNET 24X7X4 Nexus 3064-E Rev AF(	3,323.00	3,323.00
CON-SNTP-64EZM1F	SMARTNET 24X7X4 Nexus 3064-E Fwd AF(	3,323.00	3,323.00
CON-SNTP-64EZMB	SMARTNET 24X7X4 Nexus 3064-E Reversed Airflow (port sd)	3,323.00	3,323.00
CON-SNTP-64EZMF	SMARTNET 24X7X4 Nexus 3064-E Std Airflow (port side exh)	3,323.00	3,323.00
CON-SNTP-64PQ10GE	SMARTNET 24X7X4 Nexus 3064PQ-10GE 1RU switch, with enh s	3,910.00	3,910.00
CON-SNTP-64PQ10GX	SMARTNET 24X7X4 Nexus 3064-X, 48 SFP	3,910.00	3,910.00
CON-SNTP-64PQZMB	SMARTNET 24X7X4 Nexus 3064 Back-to-Front airflow with L3	3,323.00	3,323.00
CON-SNTP-64PQZMF	SMARTNET 24X7X4 Nexus 3064 Front-to-Back airflow with L3	3,323.00	3,323.00
CON-SNTP-64TBAL3	SMARTNET 24X7X4 Nexus 3064-T, Rev AF	4,512.00	4,512.00
CON-SNTP-64TFAL3	SMARTNET 24X7X4 Nexus 3064-T, Fwd AF	4,512.00	4,512.00
CON-SNTP-64TQ10G	SMARTNET 24X7X4 Nexus 3064-T, 48 x 1	4,512.00	4,512.00
CON-SNTP-64XBAL3	SMARTNET 24X7X4 Nexus 3064-X, Rev Ai	3,910.00	3,910.00
CON-SNTP-64XBDL3	SMARTNET 24X7X4 Nexus 3064-X, Rev Ai	3,910.00	3,910.00
CON-SNTP-64XFAL3	SMARTNET 24X7X4 Nexus 3064-X, Fwd Ai	3,910.00	3,910.00
CON-SNTP-64XFDL3	SMARTNET 24X7X4 Nexus 3064-X, Fwd Ai	3,910.00	3,910.00
CON-SNTP-64XZM1B	SMARTNET 24X7X4 Nexus 3064-X Rev AF	3,323.00	3,323.00
CON-SNTP-64XZM1F	SMARTNET 24X7X4 Nexus 3064-X Fwd AF	3,323.00	3,323.00
CON-SNTP-64XZM2B	SMARTNET 24X7X4 Nexus 3064-X Rev AF (port side intake)	3,323.00	3,323.00
CON-SNTP-64XZM2F	SMARTNET 24X7X4 Nexus 3064-X Fwd AF (port side exhaust)	3,323.00	3,323.00
CON-SNTP-C30481PS	SMARTNET 24X7X4 Nexus 3048TP-1GE 1RU 48 1GE and 4 10GE	998.00	998.00

## Cisco Nexus 2000 Series Fabric Extender

The Cisco Nexus® 2000 Series Fabric Extenders (FEX) comprise a category of data center products designed to simplify data center products designed to simplify data center access architecture and operations. The Cisco Nexus 2000 Series uses the Cisco® FEX-link architecture to provide a highly scalable unified server-access platform across a range of 100 Megabit Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet, unified fabric, copper and fiber connectivity, rack, and blade server environments. The platform is ideal to support today's traditional Gigabit Ethernet while allowing transparent migration to 10 Gigabit Ethernet, virtual machine-aware unified fabric technologies. The Cisco Nexus 2000 Series Fabric Extenders behave as remote line cards for a parent Cisco Nexus switch. The fabric extenders are essentially extensions of the parent Cisco Nexus switch fabric, with the fabric extenders and the parent Cisco Nexus switch together forming a distributed modular system. This architecture enables physical topologies with the flexibility and benefits of both top-of-rack (ToR) and end-of-row (EoR) deployments.

The Cisco Nexus 2000 Series design aligns with that of servers. It offers front-to-back cooling, compatible with data center hot-aisle and cold-aisle designs, all switch ports at the rear of the unit in close proximity to server ports, and all user-serviceable components accessible from the front panel. It also offers back-to-front cooling, with switch ports in front of the chassis, aligned with the cold aisle, for optimized cabling in network racks. The Cisco Nexus 2000 Series is built for nonstop operation, with redundant hot-swappable power supplies and a hot-swappable fan tray with redundant fans. Its compact one-rack-unit (1RU) form factor takes up relatively little space, making it easy to incorporate into rack designs. The fabric extenders are available in several models to provide speed, connectivity, and port-density options.

Cisco Nexus 2000 Series Fabric Extenders connect to a parent Cisco Nexus switch through their fabric links using CX1 copper cable, short-reach or long-reach optics, and the cost-effective Cisco Fabric Extender Transceivers. Cisco Fabric Extender Transceivers are optical transceivers that provide a highly cost-effective solution for connecting the fabric extender to its parent switch. The Cisco Nexus 2000 Series Fabric Extenders behave like remote line cards for a parent Cisco Nexus 5000 or 7000 Series Switch. Working in conjunction with Cisco Nexus switches, the Cisco Nexus 2000 Series Fabric Extenders extend the capabilities and benefits offered by the parent Cisco Nexus switch while providing flexible, scalable, and cost-effective server access. Consult product data sheets for parent switch support and model compatibility.

You can learn more about the Cisco Nexus 2000 Series Fabric Extenders on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-nexus2000>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>Nexus 2200 Series Chassis</b>			
N2K-C2224TF	Nexus 2224TP with 4 FET, choice of airflow/power	8,000.00	5,600.00
N2K-C2224TF-1GE	Nexus 2224TP with 4 FET (2 AC PS, 1 Fan (Std Airflow))	8,000.00	5,600.00
N2K-C2224TP	N2K-C2224TP-1GE (24x100/1000-T+2x10GE), airflow/power option	7,000.00	4,900.00
N2K-C2224TP-1GE	N2K GE, 2 AC PS, 1 Fan (Std Air), 24x100/1000-T+2x10GE	7,000.00	4,900.00
N2K-C2232PF	Nexus 2232PP with 16 FET, choice of airflow/power	13,000.00	9,100.00
N2K-C2232PF-10GE	Nexus 2232PP with 16 FET (2 AC PS, 1 FAN (Std Airflow))	13,000.00	9,100.00
N2K-C2232PP	N2K-C2232PP-10GE (32x1/10GE+8x10GE), airflow/power option	9,000.00	6,300.00
N2K-C2232PP-10GE	N2K 10GE, 2 AC PS, 1 Fan (Std Air), 32x1/10GE+8x10GE	9,000.00	6,300.00
N2K-C2232T8F-E	Nexus 2232TM-E with 8 FET, choice of airflow/power	11,000.00	7,700.00
N2K-C2232TF	Nexus 2232TM with 16 FET, choice of airflow/power	15,500.00	10,850.00
N2K-C2232TF-10GE	Nexus 2232TM with 16 FET (2 AC PS, 1Fan (Std Airflow))	15,500.00	10,850.00
N2K-C2232TF-E	Nexus 2232TM-E with 16 FET, choice of airflow/power	13,000.00	9,100.00
N2K-C2232TM	N2K-C2232TM-10GE (32x1/10GT+8x10GE), airflow/power option	11,500.00	8,050.00
N2K-C2232TM-10GE	N2K 10GE, 2 AC PS, 1Fan (Std Air), 32x1/10GT+Uplink Module	11,500.00	8,050.00
N2K-C2232TM-E	N2K-C2232TM-E-10GE (32x1/10GT+8x10GE), airflow/power option	9,000.00	6,300.00
N2K-C2248TF	Nexus 2248TP with 8 FET, choice of airflow/power	11,000.00	7,700.00
N2K-C2248TF-1GE	Nexus 2248TP with 8 FET (2 AC PS, 1 Fan (Std Airflow))	11,000.00	7,700.00
N2K-C2248TF-E	Nexus 2248TP-E with 8 FET, choice of airflow/power	11,000.00	7,700.00
N2K-C2248TP	N2K-C2248TP-1GE (48x100/1000-T+4x10GE), airflow/power option	9,000.00	6,300.00
N2K-C2248TP-1GE	N2K GE, 2 AC PS, 1 Fan (Std Air) , 48x100/1000-T+4x10GE	9,000.00	6,300.00
N2K-C2248TP-E	N2K-C2248TP-E-1GE (48x100/1000-T+4x10GE), airflow/PS option	9,000.00	6,300.00



**Nexus 2200- Nexus 5000 Series Chassis Bundle**

N5548UP-4N2248TF	Nexus 5548UP/4xN2248TP/32xFET	56,000.00	39,200.00
N5548UP-4N2248TP	Nexus 5548UP/4xN2248TP	51,000.00	35,700.00
N5548UP-4N2248TR	Nexus 5548UP/4xN2248TP/20xSFP-10G-SR	73,000.00	51,100.00
N5548UPL3-2N2248TF	Nexus 5548UP/L3 Daughter Card/2 x N2248/16 x FET	54,000.00	37,800.00
N5548UPM-4FEX	Nexus 5548UP/Expansion Module/4 x FEX	74,000.00	51,800.00
N5548UPM-4N2232PF	Nexus 5548UP/Expansion Module/4xN2232PP/64xFET	74,000.00	51,800.00
N5548UPM-6N2248TF	Nexus 5548UP/Expansion Module/6xN2248TP/48xFET	81,000.00	56,700.00
N5548UPM-6N2248TP	Nexus 5548UP/Expansion Module/6xN2248TP	73,500.00	51,450.00
N5548UPM-6N2248TR	Nexus 5548UP/Expansion Module/6xN2248TP/30xSFP-10G-SR	107,000.00	74,900.00
N5596UP-4FEX	Nexus 5596UP/4 x FEX	74,000.00	51,800.00
N5596UP-4N2232PF	Nexus 5596UP/4xN2232PP/64xFET	74,000.00	51,800.00
N5596UP-6N2248TF	Nexus 5596UP/6xN2248TP/48xFET	81,000.00	56,700.00
N5596UP-6N2248TP	Nexus 5596UP/6xN2248TP	73,500.00	51,450.00
N5596UP-6N2248TR	Nexus 5596UP/6xN2248TP/30xSFP-10G-SR	108,000.00	75,600.00
N5596UPM-6FEX	Nexus 5596UP/Expansion Module/6 x FEX	103,000.00	72,100.00
N5596UPM-8N2248TF	Nexus 5596UP/8xN2248TP/64xFET/Expansion Module	106,000.00	74,200.00
N5596UPM-8N2248TP	Nexus 5596UP/8xN2248TP/Expansion Module	97,000.00	67,900.00
N5596UPMM-12N2248T	Nexus 5596UP/2 x Expansion Module/12 x N2248TP/96 x FET	150,000.00	105,000.00
N5596UPMM-8FEX	Nexus 5596UP/2 x Expansion Module/8 x FEX	132,000.00	92,400.00

**Power Supplies and Cables (spare)**

N2K-PAC-200W=	Cisco Nexus 2148T FEX 1GE 200W Power supply, spare	500.00	350.00
N2200-PAC-400W=	Cisco Nexus 2200 AC Power supply, spare	500.00	350.00
N2200-PAC-400W-B=	Cisco Nexus 2200 AC Power supply, Back-to-front airflow, spare	500.00	350.00
N2200-PDC-400W=	Cisco Nexus 2200 DC Power supply, spare	900.00	630.00
N2K-P1-BLNK=	Cisco Nexus 2148T FEX 1GE Power supply Blank, spare	75.00	52.50
N2200-P-BLNK=	Cisco Nexus 2200 Power supply Blank, spare	75.00	52.50
CAB-N5K6A-NA=	Power Cord, 210/220V 30A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00
CAB-C13-C14-JMPR=	Recessed receptical AC power cord 27in	50.00	35.00
CAB-C13-C14-2M=	Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	50.00	35.00
CAB-9K12A-NA=	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	25.00	17.50
CAB-C13-CBN=	Cabinet Jumper Power Cord, 250 VAC 10A, C14-C13 Connectors	100.00	70.00

**Fan Modules (spare)**

N2K-C2148T-FAN=	Cisco Nexus 2148T FEX Fan Module, spare	400.00	280.00
N2K-C2248-FAN=	Cisco Nexus 2224TP and 2248TP FEX Fan Module, spare	400.00	280.00
N2K-C2232-FAN=	Cisco Nexus 2232PP FEX Fan Module, spare	500.00	350.00
N2K-C2248-FAN-B=	Cisco Nexus 2224TP and 2248TP FEX Fan Module, Back-to-front airflow,	400.00	280.00
N2K-C2232-FAN-B=	Cisco Nexus 2232PP FEX Fan Module, Back-to-front airflow, spare	500.00	350.00

**Accessory Kits (spare)**

N2200-ACC-KIT=	N2K-C2200 Series FEX Accessory Kit, Spare	100.00	70.00
NXA-ACC-KIT-BAV=	Nexus Airflow Vent	150.00	105.00
NXA-AIRFLOW-SLV=	Nexus Airflow Extension Sleeve	150.00	105.00

**Uplink Transceiver and Cable Options****10 GB SFP+ Optics**

SFP-10G-LR=	10GBASE-LR SFP+ module	3,995.00	2,796.50
SFP-10G-SR=	10GBASE-SR SFP+ module	1,495.00	1,046.50

**10 GB SFP+ Link Assemblies**

SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter	150.00	105.00
SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	210.00	147.00
SFP-H10GB-CU5M	10GBASE-CU SFP+ Cable 5 Meter	260.00	182.00
SFP-H10GB-ACU7M	Active Twinax cable assembly, 7m	360.00	252.00
SFP-H10GB-ACU10M	Active Twinax cable assembly, 10m	410.00	287.00

**1 GB SFP Optics**

GLC-SX-MM=	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-LH-SM=	GE SFP,LC connector LX/LH transceiver	995.00	696.50
GLC-T=	1000BASE-T SFP	395.00	276.50
SFP-GE-L=	1000BASE-LX/LH SFP (DOM)	1,100.00	770.00
SFP-GE-S=	1000BASE-SX SFP (DOM)	550.00	385.00
SFP-GE-T=	1000BASE-T SFP (NEBS 3 ESD)	440.00	308.00





## SMARTnet Maintenance

### 8x5xNBD SMARTnet

CON-SNT-N2148	SMARTNET 8X5XNBD N2K 1GE FEX, 1PS, 1 Fan Module	250.00	250.00
CON-SNT-2148BE	SMARTNET 8X5XNBD Cisco Nexus 2148T	176.00	176.00
CON-SNT-2248B	SMARTNET 8X5XNBD Nexus 2248TP for N5K	176.00	176.00
CON-SNT-C2148F	SMARTNET 8X5XNBD Nexus 2148T with 8 FET	225.00	225.00
CON-SNT-N2248T	SMARTNET 8X5XNBD N2K GE, 1PS, 1FanMod, 48x1G-BaseT+4x10GE	225.00	225.00
CON-SNT-2232B	SMARTNET 8X5XNBD Nexus 2232PP for N5K/N2K Bundle	204.00	204.00
CON-SNT-N2232P	SMARTNET 8X5XNBD N2K 10GE, 2PS, 1 Fan Module, 32x10GE+8x10GE	225.00	225.00
CON-SNT-N2248F	SMARTNET 8X5XNBD Nexus 2248TP with 8 FET	225.00	225.00
CON-SNT-N2232F	SMARTNET 8X5XNBD Nexus 2232PP with 16 FET	250.00	250.00
CON-SNT-N2224F1G	SMARTNET 8X5XNBD Nexus 2224TP with 4	175.00	175.00
CON-SNT-N2224P1G	SMARTNET 8X5XNBD N2K GE, 2PS, 1 Fan Module, 24x100/1000-T	175.00	175.00
CON-SNT-B22HPP	SMARTNET 8X5XNBD Cisco Nexus B22 Fabric Extender for HP	238.00	238.00
CON-SNT-B22HPF	SMARTNET 8X5XNBD Cisco Nexus B22 Fabric Extender for HP	238.00	238.00
CON-SNT-2224TFA	SMARTNET 8X5XNBD Standard airflow pack: N2K-C2224TP-1GE	175.00	175.00
CON-SNT-2248BAB	SMARTNET 8X5XNBD Reversed airflow pack: N2K-C2248TP-1GE	176.00	176.00
CON-SNT-2248TFA	SMARTNET 8X5XNBD Standard airflow pack: N2K-C2248TP-1GE	225.00	225.00
CON-SNT-2248TBA	SMARTNET 8X5XNBD Reversed airflow pack: N2K-C2248TP-1GE	225.00	225.00
CON-SNT-2232FDB	SMARTNET 8X5XNBD Standard airflow/DC pack: N2K-C2232PP-10	204.00	204.00
CON-SNT-2248FDB	SMARTNET 8X5XNBD Standard airflow/DC pack: N2K-C2248TP	176.00	176.00
CON-SNT-2232TBA	SMARTNET 8X5XNBD Reverse airflow pack: N2K-C2232TM-10GE	288.00	288.00
CON-SNT-2232TFA	SMARTNET 8X5XNBD Std airflow pack: N2K-C2232TM-10GE	288.00	288.00
CON-SNT-2232TFD	SMARTNET 8X5XNBD Std airflow/DC pack: N2K-C2232TM-10GE	288.00	288.00
CON-SNT-2232TPBS	SMARTNET 8X5XNBD N5K-C2232TM-10GE PID	288.00	288.00
CON-SNT-2248EBA	SMARTNET 8X5XNBD Reversed Airflow pack: N2K-C2248TP-E-1GE	225.00	225.00
CON-SNT-2248EFA	SMARTNET 8X5XNBD Standard Airflow pack: N2K-C2248TP-E-1GE	225.00	225.00
CON-SNT-2248EFD	SMARTNET 8X5XNBD Standard Airflow pack: N2K-C2248TP-E-1GE	225.00	225.00
CON-SNT-2248TPE	SMARTNET 8X5XNBD N2K GE, 2PS, 1 Fan Module 48x100/1000-T	225.00	225.00
CON-SNT-2248TFE	SMARTNET 8X5XNBD Nexus 2248TP-E with 8 FET	250.00	250.00
CON-SNT-2248EFAB	SMARTNET 8X5XNBD Standard Airflow pack: N2K-C2248TP-E-1GE	195.00	195.00
CON-SNT-2248EBAB	SMARTNET 8X5XNBD Reversed Airflow pack: N2K-C2248TP-E-1GE	195.00	195.00
CON-SNT-2248EDAB	SMARTNET 8X5XNBD Standard Airflow pack: N2K-C2248TP-E-1GE	195.00	195.00
CON-SNT-2232TF	SMARTNET 8X5XNBD Nexus 2232TP with 16 FET	288.00	288.00
CON-SNT-2232TM	SMARTNET 8X5XNBD N2K 10GE, 2PS, 1 Fan Module, 32x1/10GT	288.00	288.00
CON-SNT-2232BAB	SMARTNET 8X5XNBD Reversed airflow pack: N2K-C2232PP-10GE	204.00	204.00
CON-SNT-2248TFD	SMARTNET 8X5XNBD Standard airflow/DC pack: N2K-C2248TP-1G	225.00	225.00
CON-SNT-2224TBA	SMARTNET 8X5XNBD Reversed airflow pack: N2K-C2224TP-1GE	175.00	175.00
CON-SNT-2224TFD	SMARTNET 8X5XNBD Standard airflow/DC pack: N2K-C2224TP-1GE	175.00	175.00
CON-SNT-2232PFA	SMARTNET 8X5XNBD Standard airflow pack: N2K-C2232PP-10GE	250.00	250.00
CON-SNT-2232PBA	SMARTNET 8X5XNBD Reversed airflow pack: N2K-C2232PP-10GE	250.00	250.00
CON-SNT-2232PFD	SMARTNET 8X5XNBD Standard airflow/DC pk: N2K-C2232PP-10GE	250.00	250.00
CON-SNT-C32TPBAB	SMARTNET 8X5XNBD Reverse airflow/AC pack: N2K-C2232TP-10G	267.00	267.00
CON-SNT-C32TPFAB	SMARTNET 8X5XNBD Standard airflow/AC	267.00	267.00
CON-SNT-C32TPFDB	SMARTNET 8X5XNBD Standard airflow/DC	267.00	267.00
CON-SNT-N2248TF2	SMARTNET 8X5XNBD Nexus 2248TF for N5K/N2K Bundle	225.00	225.00
CON-SNT-2248TBD	SMARTNET 8X5XNBD Rev Airflow pk: N2K-C2248TP-1GE 2DC PS 1F	225.00	225.00
CON-SNT-C2232TFE	SMARTNET 8X5XNBD Nexus 2232TM-E with	225.00	225.00
CON-SNT-B22FTSF	SMARTNET 8X5XNBD Cisco B22 Fabric Ext	238.00	238.00
CON-SNT-B22FTSP	SMARTNET 8X5XNBD Cisco B22 Fabric Ext	238.00	238.00
CON-SNT-2232T8FE	SMARTNET 8X5XNBD Nexus 2232TM-E with 8 FET, choice of air	225.00	225.00
CON-SNT-32TPEBA	SMARTNET 8X5XNBD Reverse airflow/AC p	195.00	195.00
CON-SNT-32TPEFA	SMARTNET 8X5XNBD Standard airflow/AC	195.00	195.00
CON-SNT-32TPEFD	SMARTNET 8X5XNBD Standard airflow/AC	195.00	195.00
CON-SNT-2232BDB	SMARTNET 8X5XNBD Reversed Airflow pac	184.00	184.00
CON-SNT-2248BDB	SMARTNET 8X5XNBD Reversed Airflow pac	176.00	176.00
CON-SNT-2248EBDB	SMARTNET 8X5XNBD Reversed Airflow pac	195.00	195.00
CON-SNT-2248EBD	SMARTNET 8X5XNBD Reversed Airflow pac	225.00	225.00
CON-SNT-2232PBD	SMARTNET 8X5XNBD Reversed Airflow pac	250.00	250.00
CON-SNT-N2224TBD	SMARTNET 8X5XNBD Reversed Airflow pac	175.00	175.00
CON-SNT-B22DLF	SMARTNET 8X5XNBD Cisco B22 Fabric Ext	238.00	238.00
CON-SNT-B22DLPFI	SMARTNET 8X5XNBD Cisco B22 Fabric Ext	238.00	238.00
CON-SNT-B22DLP	SMARTNET 8X5XNBD Cisco B22 Fabric Ext	238.00	238.00

**24x7x4 SMARTnet**

CON-SNTP-N2148	SMARTNET 24X7X4 N2K 1GE FEX, 1PS, 1 Fan Module	400.00	400.00
CON-SNTP-2148BE	SMARTNET 24X7X4 Cisco Nexus 2148T	282.00	282.00
CON-SNTP-2248B	SMARTNET 24X7X4 Nexus 2248TP for N5K	282.00	282.00
CON-SNTP-B22HPF	SMARTNET 24X7X4 Cisco Nexus B22 Fabric Extender for HP	381.00	381.00
CON-SNTP-C2148F	SMARTNET 24X7X4 Nexus 2148T with 8 FET	360.00	360.00
CON-SNTP-N2248T	SMARTNET 24X7X4 N2K GE, 1PS, 1FanMod, 48x1G-BaseT+4x10GE	360.00	360.00
CON-SNTP-2232B	SMARTNET 24X7X4 Nexus 2232PP for N5K/N2K Bundle	326.00	326.00
CON-SNTP-N2232P	SMARTNET 24X7X4 N2K 10GE, 2PS, 1 Fan Module, 32x10GE+8x10GE	360.00	360.00
CON-SNTP-N2248F	SMARTNET 24X7X4 Nexus 2248TP with 8 FET	360.00	360.00
CON-SNTP-N2232F	SMARTNET 24X7X4 Nexus 2232PP with 16 FET	400.00	400.00
CON-SNTP-N2224F1G	SMARTNET 24X7X4 Nexus 2224TP with 4	280.00	280.00
CON-SNTP-N2224P1G	SMARTNET 24X7X4 N2K GE, 2PS, 1 Fan Module, 24x100/1000-T	280.00	280.00
CON-SNTP-B22HPP	SMARTNET 24X7X4 Cisco Nexus B22 Fabric Extender for HP	381.00	381.00
CON-SNTP-2224TFA	SMARTNET 24X7X4 Standard airflow pack: N2K-C2224TP-1GE	280.00	280.00
CON-SNTP-2248BAB	SMARTNET 24X7X4 Reversed airflow pack: N2K-C2248TP-1GE	282.00	282.00
CON-SNTP-2248TFA	SMARTNET 24X7X4 Standard airflow pack: N2K-C2248TP-1GE	360.00	360.00
CON-SNTP-2248TBA	SMARTNET 24X7X4 Reversed airflow pack: N2K-C2248TP-1GE	360.00	360.00
CON-SNTP-2232FDB	SMARTNET 24X7X4 Standard airflow/DC pack: N2K-C2232PP-10	326.00	326.00
CON-SNTP-2248FDB	SMARTNET 24X7X4 Standard airflow/DC pack: N2K-C2248TP	282.00	282.00
CON-SNTP-2232TBA	SMARTNET 24X7X4 Reverse airflow pack: N2K-C2232TM-10GE	461.00	461.00
CON-SNTP-2232TFA	SMARTNET 24X7X4 Std airflow pack: N2K-C2232TM-10GE	461.00	461.00
CON-SNTP-2232TFD	SMARTNET 24X7X4 Std airflow/DC pack: N2K-C2232TM-10GE	461.00	461.00
CON-SNTP-2232TPBS	SMARTNET 24X7X4 N5K-C2232TM-10GE PID	461.00	461.00
CON-SNTP-2248EBA	SMARTNET 24X7X4 Reversed Airflow pack: N2K-C2248TP-E-1GE	360.00	360.00
CON-SNTP-2248EFA	SMARTNET 24X7X4 Standard Airflow pack: N2K-C2248TP-E-1GE	360.00	360.00
CON-SNTP-2248EFD	SMARTNET 24X7X4 Standard Airflow pack: N2K-C2248TP-E-1GE	360.00	360.00
CON-SNTP-2248TPE	SMARTNET 24X7X4 N2K GE, 2PS, 1 Fan Module 48x100/1000-T	360.00	360.00
CON-SNTP-2248TFE	SMARTNET 24X7X4 Nexus 2248TP-E with 8 FET	400.00	400.00
CON-SNTP-2248EFAB	SMARTNET 24X7X4 Standard Airflow pack: N2K-C2248TP-E-1GE	312.00	312.00
CON-SNTP-2248EBAB	SMARTNET 24X7X4 Reversed Airflow pack: N2K-C2248TP-E-1GE	312.00	312.00
CON-SNTP-2248EDAB	SMARTNET 24X7X4 Standard Airflow pack: N2K-C2248TP-E-1GE	312.00	312.00
CON-SNTP-2232TF	SMARTNET 24X7X4 Nexus 2232TP with 16 FET	461.00	461.00
CON-SNTP-2232TM	SMARTNET 24X7X4 N2K 10GE, 2PS, 1 Fan Module, 32x1/10GT	461.00	461.00
CON-SNTP-2232BAB	SMARTNET 24X7X4 Reversed airflow pack: N2K-C2232PP-10GE	326.00	326.00
CON-SNTP-2248TFD	SMARTNET 24X7X4 Standard airflow/DC pack: N2K-C2248TP-1G	360.00	360.00
CON-SNTP-2224TBA	SMARTNET 24X7X4 Reversed airflow pack: N2K-C2224TP-1GE	280.00	280.00
CON-SNTP-2224TFD	SMARTNET 24X7X4 Standard airflow/DC pack: N2K-C2224TP-1GE	280.00	280.00
CON-SNTP-2232PFA	SMARTNET 24X7X4 Standard airflow pack: N2K-C2232PP-10GE	400.00	400.00
CON-SNTP-2232PBA	SMARTNET 24X7X4 Reversed airflow pack: N2K-C2232PP-10GE	400.00	400.00
CON-SNTP-2232PFD	SMARTNET 24X7X4 Standard airflow/DC pk: N2K-C2232PP-10GE	400.00	400.00
CON-SNTP-N2248TF2	SMARTNET 24X7X4 Nexus 2248TF for N5K/N2K Bundle	360.00	360.00
CON-SNTP-C32TPBAB	SMARTNET 24X7X4 Reverse airflow/AC pack: N2K-C2232TP-10G	427.00	427.00
CON-SNTP-C32TPFDB	SMARTNET 24X7X4 Standard airflow/DC	427.00	427.00
CON-SNTP-C32TPFAB	SMARTNET 24X7X4 Standard airflow/AC	427.00	427.00
CON-SNTP-2248TBD	SMARTNET 24X7X4 Rev Airflow pk: N2K-C2248TP-1GE 2DC PS 1F	360.00	360.00
CON-SNTP-C2232TFE	SMARTNET 24X7X4 Nexus 2232TM-E with	360.00	360.00
CON-SNTP-B22FTSF	SMARTNET 24X7X4 Cisco B22 Fabric Ext	381.00	381.00
CON-SNTP-B22FTSP	SMARTNET 24X7X4 Cisco B22 Fabric Ext	381.00	381.00
CON-SNTP-2232T8FE	SMARTNET 24X7X4 Nexus 2232TM-E with 8 FET, choice of air	360.00	360.00
CON-SNTP-32TPEBA	SMARTNET 24X7X4 Reverse airflow/AC p	312.00	312.00
CON-SNTP-32TPEFA	SMARTNET 24X7X4 Standard airflow/AC	312.00	312.00
CON-SNTP-32TPEFD	SMARTNET 24X7X4 Standard airflow/AC	312.00	312.00
CON-SNTP-2232BDB	SMARTNET 24X7X4 Reversed Airflow pac	294.00	294.00
CON-SNTP-2248BDB	SMARTNET 24X7X4 Reversed Airflow pac	282.00	282.00
CON-SNTP-2248EBDB	SMARTNET 24X7X4 Reversed Airflow pac	312.00	312.00
CON-SNTP-2248EBD	SMARTNET 24X7X4 Reversed Airflow pac	360.00	360.00
CON-SNTP-2232PBD	SMARTNET 24X7X4 Reversed Airflow pac	400.00	400.00
CON-SNTP-N2224TBD	SMARTNET 24X7X4 Reversed Airflow pac	280.00	280.00
CON-SNTP-B22DLF	SMARTNET 24X7X4 Cisco B22 Fabric Ext	381.00	381.00
CON-SNTP-B22DLPFI	SMARTNET 24X7X4 Cisco B22 Fabric Ext	381.00	381.00
CON-SNTP-B22DLP	SMARTNET 24X7X4 Cisco B22 Fabric Ext	381.00	381.00

## Cisco Prime Infrastructure

Cisco Prime Infrastructure provides complete lifecycle management of converged wired and wireless networks. It integrates Cisco Prime LAN Management Solutions (LMS) and Cisco Prime Network Control System (NCS) into a single bundle for simplified ordering and license management. Cisco Prime Infrastructure includes the following two products: Cisco Prime Network Control System (NCS), which provides converged user and access management, complete wireless lifecycle management, and integrated configuration and monitoring of branch office routers; and Cisco Prime LAN Management Solution (LMS), which delivers simplified management of Cisco Borderless Networks and reduce operational costs by aligning network management functionality to the way network operators do their jobs. Cisco Prime Infrastructure provides converged management for ease of monitoring, troubleshooting, and reporting; improved configuration, change, and compliance management for lower TCO; similar look and feel for an improved user experience and workflow management. Cisco Prime simplifies network management, improves operations efficiency, reduces errors, and makes the delivery of network services more predictable.

Cisco Prime™ LAN Management Solution (LMS), offered as part of Cisco Prime Infrastructure, delivers powerful network lifecycle management by simplifying the configuration, compliance, monitoring, troubleshooting, and administration of Cisco® networks. This innovative solution offers end-to-end management for business-critical technologies and services, such as medianet, Cisco TrustSec™, and Cisco EnergyWise™. Cisco Prime LMS improves the overall user experience, providing new workflows that are built on functional partitioning and that align the product with the way network operators do their jobs. Once installed, prepackaged monitoring and troubleshooting dashboards provide actionable information to quickly isolate and fix network problems before they affect services. Additionally, an upgradable and customizable compliance engine checks device configurations against a broad variety of regulatory, IT, corporate governance, and technology policies. Work centers provide a single area where guided workflows give step-by-step instructions to help operators quickly provision, monitor, and manage new Cisco value-added technologies and solutions, such as medianet, Cisco EnergyWise, Cisco TrustSec, Auto Smartports, and Smart Install.

Cisco® Prime Network Control System (NCS), the industry's most comprehensive management platform, delivers converged user, access and Identity management, with complete visibility into endpoint connectivity - regardless of device, network, or location. This speeds troubleshooting for the most reported customer pain point - network problems related to client devices. Cisco Prime NCS also provides monitoring of endpoint security policy through integration with Cisco identity Services Engine (ISE) to deliver visibility into compliance based on real-time contextual information from the network, users, and devices across the entire wired and wireless access network.

You can learn more about the Cisco Prime Infrastructure management solutions on Cisco's website at the following URL:  
<http://www.cisco.com/en/US/products/ps12239/index.html>

For sales and account support, please contact one of Cisco's local account managers:

Allan Davis    aldavis@cisco.com    408-894-7290  
 Mike Kling    mikling@cisco.com    225-218-2010

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>Cisco Prime Infrastructure Top Level Part Number</b>			
R-PI-1.1-K9	Cisco Prime Infrastructure 1.1	0.00	0.00
<b>Cisco Prime Infrastructure Base and Add-On Licenses</b>			
R-PI-1.1-50-K9	Cisco Prime Infrastructure 1.1 Software - 50 Device Base License	5,295.00	3,706.50
R-PI-1.1-100-K9	Cisco Prime Infrastructure 1.1 Software - 100 Device Base License	8,995.00	6,296.50
R-PI-1.1-500-K9	Cisco Prime Infrastructure 1.1 Software - 500 Device Base License	37,000.00	25,900.00
R-PI-1.1-1K-K9	Cisco Prime Infrastructure 1.1 Software - 1000 Device Base License	69,000.00	48,300.00
R-PI-1.1-2.5K-K9	Cisco Prime Infrastructure 1.1 Software - 2500 Device Base License	139,000.00	97,300.00
L-PI-1.1-50-ADD	Cisco Prime Infrastructure 1.1 Software - 50 Device Add-On License	5,295.00	3,706.50
L-PI-1.1-100-ADD	Cisco Prime Infrastructure 1.1 Software - 100 Device Add-On License	8,995.00	6,296.50
L-PI-1.1-500-ADD	Cisco Prime Infrastructure 1.1 Software - 500 Device Add-On License	37,000.00	25,900.00
L-PI-1.1-1K-ADD	Cisco Prime Infrastructure 1.1 Software - 1000 Device Add-On License	69,000.00	48,300.00
L-PI-1.1-2.5K	Cisco Prime Infrastructure 1.1 Software - 2500 Device Add-On License	139,000.00	97,300.00

### Cisco Prime Assurance Manager Add-On

L-PAM-1.1-ADD-50	Cisco Prime Assurance 1.1 Add-On Flow License for 50 I/Fs	11,785.00	8,249.50
L-PAM-1.1-ADD-100	Cisco Prime Assurance 1.1 Add-On Flow License for 100 I/Fs	21,190.00	14,833.00
L-PAM-1.1-ADD-500	Cisco Prime Assurance 1.1 Add-On Flow License for 500 I/Fs	88,095.00	61,666.50
L-PAM-1.1-ADD-1K	Cisco Prime Assurance 1.1 Add-On Flow License for 1000 I/Fs	152,380.00	106,666.00

### Compliance Management License Options

L-PI-1.1-CM-50	Cisco Prime Infrastructure 1.1 - Compliance Management - 50 Device	1,300.00	910.00
L-PI-1.1-CM-100	Cisco Prime Infrastructure 1.1 - Compliance Management - 100 Device	2,200.00	1,540.00
L-PI-1.1-CM-500	Cisco Prime Infrastructure 1.1 - Compliance Management - 500 Device	9,000.00	6,300.00
L-PI-1.1-CM-1K	Cisco Prime Infrastructure 1.1 - Compliance Management - 1000 Device	17,000.00	11,900.00
L-PI-1.1-CM-2.5K	Cisco Prime Infrastructure 1.1 - Compliance Management - 2500 Device	34,000.00	23,800.00
L-PI-1.1-CM-5K	Cisco Prime Infrastructure 1.1 - Compliance Management - 5000 Device	49,000.00	34,300.00
L-PI-1.1-CM-10K	Cisco Prime Infrastructure 1.1 - Compliance Management - 10,000 Device	74,000.00	51,800.00

### Cisco Prime Appliance

PRIME-NCS-APL-K9	Cisco Prime Appliance	14,995.00	10,496.50
CON-SNT-NCSAPL9	SMARTNET 8X5XNBD Cisco Prime Network Control System HW 1	1,200.00	1,200.00
CON-SNTP-NCSAPL9	SMARTNET 24X7X4 Cisco Prime Network Control System HW 1	1,920.00	1,920.00

### LMS - NCS - WCS Upgrade Options

R-PI-1.1-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Release Upgrade	0.00	0.00
R-PI1.1-50-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 50 Device	695.00	486.50
R-PI1.1-100-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 100 Device	2,245.00	1,571.50
R-PI1.1-300-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 300 Device	3,995.00	2,796.50
R-PI1.1-500-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 500 Device	4,995.00	3,496.50
R-PI1.1-750-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 750 Device	5,695.00	3,986.50
R-PI1.1-1K-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 1,000 Device	6,995.00	4,896.50
R-PI1.1-1.5K-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 1,500 Device	7,995.00	5,596.50
R-PI1.1-2.5K-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 2,500 Device	8,995.00	6,296.50
R-PI1.1-5K-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 5,000 Device	11,995.00	8,396.50
R-PI1.1-10K-MR-K9	LMS 4.x to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 10,000 Device	19,995.00	13,996.50
R-PI-1.1-UP-K9	LMS 2.x/3.x to Cisco Prime Infrastructure 1.1 Major Release Upgrade	0.00	0.00
R-PI1.1-100-UP-K9	LMS 2.x/3.x to Cisco Prime Infrastructure 1.1 Major Rel Upg - 100 Device	6,795.00	4,756.50
R-PI1.1-300-UP-K9	LMS 2.x/3.x to Cisco Prime Infrastructure 1.1 Major Rel Upg - 300 Device	20,225.00	14,157.50
R-PI1.1-1.5K-UP-K9	LMS 2.x/3.x to Cisco Prime Infrastructure 1.1 Major Rel Upg - 1.5K Device	56,995.00	39,896.50
R-PI1.1-5K-UP-K9	LMS 2.x/3.x to Cisco Prime Infrastructure 1.1 Major Rel Upg - 5K Device	99,995.00	69,996.50
R-PI1.1-10K-UP-K9	LMS 2.x/3.x to Cisco Prime Infrastructure 1.1 Major Rel Upg - 10K Device	149,995.00	104,996.50
R-NCS-PI11-MR-K9	NCS 1.0 to Cisco Prime Infrastructure 1.1 Minor Release Upgrade	0.00	0.00
R-N-PI11-50-MR-K9	NCS 1.0 to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 50 Device	0.00	0.00
R-N-PI11-100-MR-K9	NCS 1.0 to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 100 Device	0.00	0.00
R-N-PI11-500-MR-K9	NCS 1.0 to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 500 Device	0.00	0.00
R-N-PI11-1K-MR-K9	NCS 1.0 to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 1000 Device	0.00	0.00
R-N-PI11-2.5K-MR-K9	NCS 1.0 to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 2.5K Device	0.00	0.00
R-N-PI11-5K-MR-K9	NCS 1.0 to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 5K Device	0.00	0.00
R-N-PI11-10K-MR-K9	NCS 1.0 to Cisco Prime Infrastructure 1.1 Minor Rel Upg - 10K Device	0.00	0.00
R-WCS-PI11-M-K9	WCS 7.0 to Cisco Prime Infrastructure 1.1 Migration	0.00	0.00
R-W-PI11-50-M-K9	WCS to Cisco Prime Infrastructure 1.1 Migration - 50 Device	0.00	0.00
R-W-PI11-100-M-K9	WCS to Cisco Prime Infrastructure 1.1 Migration - 100 Device	0.00	0.00
R-W-PI11-500-M-K9	WCS to Cisco Prime Infrastructure 1.1 Migration - 500 Device	0.00	0.00
R-W-PI11-1K-M-K9	WCS to Cisco Prime Infrastructure 1.1 Migration - 1000 Device	0.00	0.00
R-W-PI11-2.5K-M-K9	WCS to Cisco Prime Infrastructure 1.1 Migration - 2.5K Device	0.00	0.00
R-W-PI11-5K-M-K9	WCS to Cisco Prime Infrastructure 1.1 Migration - 5K Device	0.00	0.00
R-W-PI11-10K-M-K9	WCS to Cisco Prime Infrastructure 1.1 Migration - 10K Device	0.00	0.00

**Software Application Support Plus Upgrades (SAU)**

CON-SAU-PI11K9	SW APP SUPP + UPGR NULL SKU-No line item services included	0.00	0.00
CON-SAU-PI11NCSM	SW APP SUPP + UPGR NULL SKU-No line item services included	0.00	0.00
CON-SAU-PI11WCSM	SW APP SUPP + UPGR NULL SKU-No line item services included	0.00	0.00
CON-SAU-PI1150	SW APP SUPP + UPGR PI 1.1 Software - 50 Device Base Lic	1,059.00	1,059.00
CON-SAU-PI1150A	SW APP SUPP + UPGR PI 1.1 - 50 Device Add-On Lic	1,059.00	1,059.00
CON-SAU-PI11100	SW APP SUPP + UPGR PI 1.1 Software - 100 Device Base Lic	1,799.00	1,799.00
CON-SAU-PI11100A	SW APP SUPP + UPGR PI 1.1 - 100 Device Add-On Lic	1,799.00	1,799.00
CON-SAU-PI11500	SW APP SUPP + UPGR PI 1.1 Software 500 Device Base Lic	7,400.00	7,400.00
CON-SAU-PI11500A	SW APP SUPP + UPGR PI 1.1 - 500 Device Add-On Lic	7,400.00	7,400.00
CON-SAU-PI111K	SW APP SUPP + UPGR PI 1.1 Software ? 1K Device Base Lic	13,800.00	13,800.00
CON-SAU-PI111KA	SW APP SUPP + UPGR PI 1.1 - 1K Device Add-On Lic	13,800.00	13,800.00
CON-SAU-PI112K	SW APP SUPP + UPGR PI 1.1 Software - 2.5K Device Base Lic	27,800.00	27,800.00
CON-SAU-PI112KA	SW APP SUPP + UPGR PI 1.1 2.5K Device Add-On Lic	27,800.00	27,800.00
CON-SAU-PI115K	SW APP SUPP + UPGR PI 1.1 Software - 5K Device Base Lic	39,800.00	39,800.00
CON-SAU-PI115KA	SW APP SUPP + UPGR PI 1.1 ? 5K Device Add-On Lic	39,800.00	39,800.00
CON-SAU-PI1110K	SW APP SUPP + UPGR PI 1.1 Software - 10K Device Base Lic	59,800.00	59,800.00
CON-SAU-PI1110KA	SW APP SUPP + UPGR PI 1.1 ? 10K Device Add-On Lic	59,800.00	59,800.00