ProLiant Smart Buy Fantastic 14

HP ProLiant Gen8—the world's most intelligent server

One-processor-capacity tower servers					
ML310e Gen8 LFF	$1,479	**Save $867**	ML350e Gen8 LFF	$1,519	**Save $271**

Features: Intel® Xeon® E3-1240v2 (3.4GHz/4-core/8MB), 8GB (2 x 4GB) PC3-12800E DDR3 UDIMM, no drives, HP Smart Array P420/1GB FBWC 6Gb 2-ports Int SAS Controller, HP Half-Height SATA DVD-RW, HP Ethernet 1Gb 2-port 330i Adapter, HP 460W Common Slot Gold Hot Plug Power Supply Kit
Selling points: Ideal first server for growing businesses.

Features: Intel® Xeon® E5-2420 (1.9GHz/6-core) Processor, 8GB (2 x 4GB) UDIMMs, no drives, supports up to 4 LFF, HP Dynamic Smart Array B120i/512MB FBWC SATA Controller (RAID 0,1, 5, 10), HP Half-Height SATA DVD RW Optical Drive, HP Ethernet 1Gb 2-port 361i Adapter, (1) 460 Watt Power Supply (non-hot plug, non-redundant), iLO Management Engine standard
Selling points: Deliver essential performance and allow for low-cost expansion.

686235-S01   686771-S01

One-processor-capacity rack servers					
ML350p Gen8 LFF	$1,929	**Save $482**	DL320e Gen8 LFF	$949	**Save $265**

Features: Intel® Xeon® E5-2620 (2.0GHz/6-core/15MB), HP 2x4GB (1x4GB) Single Rank x4 PC3L-10600R (DDR3-1333), Registered CAS-9 Low Voltage Memory Kit, no drives, HP Smart Array P420i/512MB FBWC Controller, HP Half-Height SATA DVD-RW Optical JB Drive, HP 460W Common Slot Gold Hot Plug Power Supply Kit, iLO Management Engine standard
Selling points: Expandable tower server ideal for remote and branch offices.

Features: (1) Intel® Xeon® E3-1220v2 (3.1GHz/4-core), 4GB (1 x 4GB) Unbuffered DIMMs, (1) HP 1TB 6G SATA 7.2K rpm LFF (3.5-inch) Midline Hard Drive, HP Dynamic Smart Array B120i Controller, HP Ethernet 1Gb 2-port 330i Adapter, 350W Non-Hot Plug, Non-Redundant Power Supply, iLO Management Engine standard
Selling points: Ideal server to run single applications or dedicated IT services.

686713-S01   687520-S01

One-processor-capacity rack server			Two-processor-capacity rack server		
DL360e Gen8 SFF	$1,799	**Save $1,476**	DL360e Gen8 SFF	$3,319	**Save $2,125**

Features: Intel® Xeon® E5-2420 (1.9GHz/6-core/Turbo), 16GB (2 x 8GB) RDIMMs, no drives, supports up to 8 SFF, HP Dynamic Smart Array B320i/512MB FBWC Controller; Includes SAS License Key, HP Ethernet 1Gb 4-port 366i Adapter, iLO Management Engine standard, (2) 460W CS Platinum Plus Hot Plug Power Supply
Selling points: Industry-leading performance, efficiency, capacity, and reliability in a 1U space. Enterprise-class design with versatility for performance workloads and future requirements.

Features: (2) Intel® Xeon® E5-2440 (2.4GHz/6-core/15MB) Turbo, 32GB (4 x 8GB) PC3-10600R (1333MHz) Registered DIMMs, no drives, HP Dynamic Smart Array B320i/512MB FBWC Controller; Includes SAS License Key, HP Ethernet 1Gb 4-port 366i Adapter, (2) HP 460W CS Platinum Plus Hot Plug Power Supply, iLO Management Engine standard
Selling points: Industry-leading performance, efficiency, capacity, and reliability in a 1U space. Enterprise-class design with versatility for performance workloads and future requirements.

686211-S01   686212-S01

One-processor-capacity rack servers					
DL380p Gen8 25-SFF	$3,039	**Save $2,127**	HP DL385p Gen8 25-SFF	$2,869	**Save $1,172**

Features: Intel® Xeon® E5-2640 (2.50GHz/6-core/15MB), 16GB (2x8GB) PC3L-10600R (DDR3-1333) Registered DIMMS, no drives, supports up to 25 SFF, HP Smart Array P420i/1GB with FBWC (RAID 0/1/1+0/5/5+0), HP Ethernet 1Gb 4-port 331 FLR Adapter, 2 x HP 750W CS Platinum Plus Hot Plug Redundant Power Supply, 4 redundant fans, iLO Management Engine standard
Selling points: Versatile, rack-optimized servers with a balance of efficiency, performance, and management.

Features: (2) AMD Opteron™ 6348 (2.8GHz/12-core/16MB/115W TDP) Processor, 8GB (1x8GB) PC3-10600R (DDR3-1333) Registered DIMMS, no drives, supports up to 25 SFF, HP Smart Array P420i/1GB FBWC (RAID 0/1/1+0/5/5+0), HP Ethernet 1Gb 4-port 331FLR Adapter, 2x750W Common Slot Platinum Plus Hot Plug Power Supply, HP iLO Management Engine standard, Rack (2U), HP Ball Bearing Rail Kit/Cable Management Arm standard
Selling points: Designed with virtualization in mind, yet flexible enough to support any business need.

706539-S01   710724-S01

One-processor-capacity rack server			Two-processor-capacity rack server		
DL380p Gen8 LFF	$2,329	**Save $1,637**	HP DL385p Gen8 8-SFF	$3,899	**Save $1,384**

Features: Intel® Xeon® E5-2620 (2.0GHz/6-core/15MB), 16GB (2x8GB) PC3L-10600R (DDR3-1333) Registered DIMMS, no drives, supports up to 8 LFF, HP Smart Array P420i/512MB FBWC (RAID 0/1/1+0/5/5+0), 2 x HP 460W CS Platinum Plus Hot Plug Redundant Power Supply, 4 redundant fans, iLO Management Engine standard
Selling points: Versatile, rack-optimized servers with a balance of efficiency, performance, and management.

Features: (2) AMD Opteron™ 6376 (2.3GHz/16-core/16MB/115W TDP) Processor, 16GB (2x8GB) PC3-10600R (DDR3-1333) Registered DIMMS , no drives, supports up to 8 SFF, HP Smart Array P420i/1GB FBWC (RAID 0/1/1+0/5/5+0), HP 12.7mm Slim SATA DVD-RW JackBlack Optical Drive, HP Ethernet 1Gb 4-port 331FLR Adapter, 2x750W Common Slot Platinum Hot Plug Power Supply, HP iLO Management Engine (standard)
Selling points: Designed with virtualization in mind, yet flexible enough to support any business need.

697494-S01   710725-S01

Two-processor-capacity blade servers					
BL460c Gen8	$2,949	**Save $1,559**	HP BL465c Gen8	$3,129	**Save $1,439**

Features: (2) Intel® Xeon® E5-2620 (2.0GHz/6-core/15MB/95W), 32GB (4x 8GB) PC3L-10600R (DDR3-1333) Registered DIMMs, no drives, supports up to 2 SFF, HP Smart Array P220i Controller with 512MB FBWC RAID 0,1, HP FlexFabric 10Gb 2-port 554FLB FlexibleLOM, iLO Management Engine standard, Half-height server blade
Selling points: Ideal balance of performance, scalability, and expandability.

Features: (2) AMD Opteron™ 6320 (2.8GHz/8-core/16MB/115W) Processor, 64GB (8x8GB) DDR3 1600MHz RDIMMs, no drives, up to two SFF, HP Smart Array P220i Controller with 512MB FBWC RAID 0,1, One (1) HP FlexFabric 10Gb 2-port 554FLB FlexibleLOM, HP iLO Management Engine (standard)
Selling points: Delivering uncompromising performance and expandability with industry-leading management tools and the latest AMD technologies for dense compute environments.

670658-S01   709114-S01

Two-processor-capacity blade servers					
BL460c Gen8	$4,089	**Save $2,029**	HP BL465c Gen8	$4,179	**Save $1,769**

Features: (2) Intel® Xeon® E5-2640 (2.50GHz/6-core) Processors, 48GB (6x 8GB) PC3L-10600R (DDR3-1333) Registered DIMMs, no drives, supports up to 2 SFF, HP Smart Array P220i Controller with 512MB FBWC RAID 0,1, HP FlexFabric 10Gb 2-port 554FLB FlexLOM, iLO Management Engine standard
Selling points: Ideal balance of performance, scalability, and expandability.

Features: (2) AMD Opteron™ 6378 (2.4GHz 16-core/16MB/115W) Processor, 64GB (8x8GB) DDR3 1600MHz RDIMMs, no drives, supports up to two SFF, HP Smart Array P220i Controller with 512MB FBWC RAID 0,1, One (1) HP FlexFabric 10Gb 2-port 554FLB FlexibleLOM, HP iLO Management Engine (standard)
Selling points: Delivering uncompromising performance and expandability with industry-leading management tools and the latest AMD technologies for dense compute environments.

670657-S01   709113-S01

The Fantastic 14 configurations above are in effect as of October 1, 2013. Prices are subject to change.

.

Smart **Buy**

Super options for your Fantastic 14 configurations

Smart Buy Insight Control

Part number	Description	Price	Savings
C6N27S	Insight Control Smart Buy, no media, 1 server license, 1 year 24x7 technical support and updates	$349	$200
C6N28ASE	**Insight Control Smart Buy—Electronic License** HP Insight Control, including 1 year 24x7 technical support and updates, Electronic License	$349	$200

Get more from every hour, watt, and dollar invested in your ProLiant server

Smart Buy memory

Part number	Description	Price	Savings
Smart Buy Registered (R-DIMM) Memory Compatible with Intel-based Gen8 servers			
647893-S21	HP S-Buy 4 GB 1Rx4 PC3L-10600R-9 Kit	$79	$26
647897-S21	HP S-Buy 8 GB 2Rx4 PC3L-10600R-9 Kit	$135	$50
647901-S21	HP S-Buy 16 GB 2Rx4 PC3L-10600R-9 Kit	$225	$100
647895-S21	HP S-Buy 4 GB 1Rx4 PC3-12800R-11 Kit	$85	$20
647899-S21	HP S-Buy 8 GB 1Rx4 PC3-12800R-11 Kit	$125	$50
672631-S21	HP S-Buy 16 GB 2Rx4 PC3-12800R-11 Kit	$235	$84
Smart Buy Unbuffered with ECC (U-DIMM) Memory Compatible with Intel-based Gen8 Servers			
647905-S21	HP S-Buy 2 GB 1Rx8 PC3L-10600E-9 Kit	$35	$10
647907-S21	HP S-Buy 4 GB 2Rx8 PC3L-10600E-9 Kit	$65	$10
HP Smart Buy memory options (compatible with AMD-based Gen8 servers)			
647871-S21	HP 4GB 1Rx4 PC3L-10600R-9 Kit/S-Buy	$79	$26
647877-S21	HP 8GB 2Rx4 PC3L-10600R-9 Kit/S-Buy	$120	$65
647883-S21	HP 16GB 2Rx4 PC3L-10600R-9 Kit/S-Buy	$225	$100

CPU option kits

HP Server	CPU upgrade	Part number	Price
Intel-based servers			
HP ML350p Gen8	ML350p Gen8 E5-2620 Kit	660598-B21	$629
HP DL380p Gen8	DL380p Gen8 E5-2620 Kit	662250-B21	$629
HP DL380p Gen8	DL380p Gen8E5-2640 Kit	662246-B21	$1,249
HP ML350e Gen8	ML350e Gen8 E5-2420 Kit	665868-B21	$599
HP DL360e Gen8	DL360e Gen8 E5-2420 Kit	660660-B21	$599
AMD-based servers			
HP DL385p Gen8	AMD Opteron™ Processor Model 6348 Kit	703952-B21	$779

HP Smart Buy hard drives for ProLiant Gen8 servers

Part number	Description	Price	Savings
655708-S21	HP 500GB 6G SATA 7.2k 2.5in SC MDL HDD/S-Buy	$255	$64
655710-S21	HP 1TB 6G SATA 7.2k SFF SC MDL HDD/S-Buy	$415	$104
658079-S21	HP 2TB 6G SATA 7.2k 3.5in SC HDD/S-Buy	$365	$94
652564-S21	HP 300GB 6G SAS 10k SFF SC ENT HDD/S-Buy	$230	$64
652583-S21	HP 600GB 6G SAS 10k SFF SC ENT HDD/S-Buy	$435	$120
652605-S21	HP 146GB 6G SAS 15k SFF SC ENT HDD/S-Buy	$270	$74
652611-S21	HP 300GB 6G SAS 15k SFF SC ENT HDD/S-Buy	$470	$124
652589-S21	HP 900GB 6G SAS 10k SFF SC ENT HDD/S-Buy	$645	$170

HP BladeSystem enclosures

Part number	Description	Price	Savings
HP BLc7000 Platinum Enclosure/Smart Buy			
714684-S21	16 half-height or 8 full-height server blades supported; ProLiant and Storage blades supported; two redundant Virtual Connect FlexFabric interconnect modules included; 16 Insight Management Software Control Licenses included	$31,000	$20,896
HP BladeSystem c7000 Platinum Enclosure 6 Power Platinum Supplies and 10 Fans			
714683-S21	16 half-height or 8 full-height server blades supported; ProLiant, Storage, and Integrity blades supported; two redundant Virtual Connect Flex-10/10D interconnect modules included; 16 10Gb downlinks to the server blades as well as 10 10Gb Ethernet uplinks provided; up to 6 additional Virtual Connect, Ethernet, Fibre Channel, IB, or SAS interconnect modules supported; 16 Insight Management Software Control Licenses included	$24,000	$16,048

HP Smart Buy VMware

Part number	Description	Price	Savings
BD752A	S-Buy VMware vSphere 5 Standard 1P 1 year 24x7 support, Physical License	$1,089	$190
BD753A	S-Buy VMware vSphere 5 Enterprise 1P 1 year 24x7 support, Physical License	$2,989	$525
BD754A	S-Buy VMware vSphere 5 Enterprise + 1P 1 year 24x7 support, Physical License	$3,629	$642
BD755A	S-Buy VMware vCenter Server Standard 1 year 24x7 support, Physical License	$5,179	$915

HP Smart Buy Care Pack services (hardware support)

HP Care Pack number	Description	Price
HZ757E	HP S-Buy 3y 24x7 24h CTR ProLiant ML310 HW Support	$428
U0QN1E	HP S-Buy 3y 4h 24x7 ML350p ProCare Service	$968
U0QN2E	HP S-Buy 3y 6h CTR 24x7 ML350p ProCare Service	$1,518
UE890E	HP S-Buy 3y 4h 24x7 ProLiant DL320 HW Support	$252
UM359E	HP S-Buy 3y 6hr 24x7 CTR ProLiant DL320 HW Support	$449
U6D67E	HP 3y 6h CTR 24x7 DL360e Collaborative Support	$939
U0QP0E	HP S-Buy 3y 6h CTR 24x7 DL360e ProCare Service	$1,211
U7R03E	HP S-Buy 3y 4h 24x7 DL36x (p) Collaborative Support	$800
U0QP2E	HP S-Buy 3y 6h CTR 24x7 DL36x (p) ProCare Service	$1,778
U7R06E	HP S-Buy 3y 4h 24x7 DL380e Collaborative Support	$732
U0QP5E	HP S-Buy 3y 4h 24x7 DL380e ProCare Service	$1,015
U7R09E	HP S-Buy 3y 4h 24x7 DL38x (p) Collaborative Support	$1,061
U0MG7E	HP S-Buy 4y 4h 24x7 DL38x (p) ProCare Service	$2,235
U8A04E	HP S-Buy 3y 4h 24x7 BL4xxc ProCare Service	$1,050
U8A05E	HP S-Buy 3y 6h CTR 24x7 BL4xxc ProCare Service	$1,456
U0MF9E	HP S-Buy 4y 4h 24x7 c7000 ProCare Service	$1,273

CTR = Call-to-Repair

The Fantastic 14 configurations above are in effect as of October 1, 2013. Prices are subject to change.