2015 ISSUE II







The Connected **Boardroom**

Connect, Charge & Sync Your Mobile Devices 8 Must-Have Gadgets for

Road Warriors

Make Your Signage **Vivid** Maximize

Your Network

Neatly Store, Mount, and Control Your Equipment **MESSAGE FROM THE CEO**



As **StarTech.com** enters its 30th year, we've seen many new and disruptive technologies hit the market. 2015 is no different. In this issue of the Connectivity Guide our experts explore the next generation of USB connectivity as well as other exciting new technologies, such as 4K.

Whether in the boardroom, on the road, or at your workstation, keeping connected is a real challenge. We're excited to share the many solutions StarTech.com offers to maximize productivity in any situation.

We look forward to giving you the inside edge on connecting technology solutions and as always make **hard-to-find easy.**



Paul Seed
Founder & Chief Executive Offi

Hard-to-find Made Easy

StarTech.com makes it **easy** to enable and enhance your tech solutions, helping you every step of the way. **Here's how:**



Identify what you need

Not sure where to start? StarTech.com's userfriendly website and Tech Advisors will point you towards the best solution to solve your connectivity problems.



Find the right part

StarTech.com's website provides comprehensive information, powerful search and exclusive tools like the ConXit Connection Wizard that make finding the right part easy.



Get it delivered fast

Get the products you need when and where you need them through StarTech.com's global distribution network and channel partners.



Use with confidence

User-friendly documentation and online resources make using our products a breeze, while innovative design maximizes reliability and performance.

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Transform any laptop into a powerful workstation and add the ports that you're missing with this

USB3SMDOCKHV

USB 3.0 Travel Dock for Laptops.

Connect

Dock



Create a portable wireless hotspot for all your Wi-Fi® enabled devices while travelling with the Portable Wireless Travel Router.

R150WN1X1T



Add Gigabit Ethernet capability to your laptop with this **USB 3.0 to Gigabit Ethernet Adapter.** Features an integrated USB 3.0 pass-through port.

USB31000SPTB USB31000SPTW White





Charge

Fast charge mobile devices from your laptop's USB 2.0 port with this Fast Charging Adapter.



Charge your tablet and phone simultaneously while travelling internationally with this 2-Port USB Wall Charger.

USB2CHADP

USB2PACBK

USB2PACWH



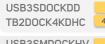
Charge two mobile devices simultaneously on the road with this **Dual-Port Car Charger** equipped with a USB port

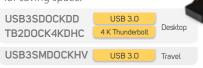
> USBLT2PCARW USBLT2PCARB





Our wide range of **Laptop Docking Stations** includes different sizes and orientations, such as upright docks for saving space.





Mount

Our **Articulating Monitor Arm** allows you to mount a display to the side of your desk with a wide range of adjustments, freeing up space.

ARMPIVOTE



Charge & Connect



This USB 3.0 Hub & Charging Station provides four hub and three charge ports. Mount the small enclosure on the wall or another surface, out of the way.

ST4300U3C3



This space-saving **Tablet & Phone Stand** provides three ports in a USB 3.0 hub, plus a fast charge port.

ST4300U3C1B



Charge and sync most mobile devices anywhere you go with this All-in-One **Apple Lightning and Micro-USB Cable**

LTUB1MBK

View the full selection of workstation solutions at:

www.startech.com/workstation

StarTechcom



View the full selection of Road Warrior solutions at: www.startech.com/roadwarrior



Improve Productivity with

Multiple Monitors

Upgrade to 4K

4K Ultra HD gives you astonishing picture quality that is particularly useful for detailed work like editing video or large spreadsheets.



USB 3.0 video adapters for 4K Ultra HD

USB32HD4K HDMI
USB32DP4K DisplayPort

- Enable a non-4K device to connect to a 4K display.
- DisplayLink 4K Plug-and-Display certified for automatic driver installation and updates.



Use an existing port

If you have a spare video or USB 3.0 port, it's easy and inexpensive to connect your computer to another monitor.

I want to connect to:

My computer has this port:	vgA	DVI	HDMI	DisplayPort
Mini DisplayPort or Thunderbolt	MDP2VGA2	MDP2DVI3	MDP2HDMI	MDP2DPMF6IN
DisplayPort	DP2VGA3	DP2DVI2	DP2HDMI2	DISPLPORT6L
HDMI	HD2VGAE2	HDDVIMF8IN	HDMM6	*Refer to ConXit
Micro HDMI	MCHD2VGAE2	HDDDVIMM1M	HDADFM5IN	*Refer to ConXit
Mini HDMI	MNHD2VGAE2	HDCDVIMM1M	HDACFM5IN	*Refer to ConXit
USB 3.0	USB32VGAES	USB32DVIEH	USB32HDES 1080p USB32HD4K 4K Ultra HD	USB32DPES 1080p USB32DP4K 4K Ultra HD

*You can find ConXit at www.startech.com/conxit

Connect multiple monitors to one port

You can connect multiple monitors to a single USB 3.0 or Mini DisplayPort connection on your computer.



Connect up to 3 monitors through DisplayPort or Mini DisplayPort

MSTDP123DP DisplayPort
MSTMDP123DP Mini DisplayPort

These MST hubs can connect up to 3 DisplayPort enabled monitors to your computer.



Connect up to 2 monitors through USB 3.0

USB32HDDVII

Connect an HDMI and a DVI-I monitor to a USB 3.0 port.











On new laptops, the innovative USB-C connector can replace DisplayPort connectors, proprietary power connectors, and bulkier traditional USB connectors. This allows for smaller, thinner, and lighter devices. Plus the USB-C connector is reversible, meaning that it works no matter which way you plug it in, saving you frustration and port damage!

Device manufacturers can choose to implement USB-C in a variety of ways. This can create challenges for IT professionals and end users connecting these new devices in existing environments. StarTech.com can help.

USB-C enables exciting new possibilities

Higher quality displays

Experience resolutions beyond 4K with DisplayPort over USB-C Connect a computer to dual 4K Ultra HD displays Enable multiple monitors with a single connector, using MST





Docking with ease

Increase productivity with true single-cable docking Enable display, charging, power, networking, data, and audio with one connection

Universal charging & power

USB-C enabled laptops can be charged via the USB-C port, eliminating the need for proprietary power cords Power & charge any USB-C enabled device with the same cable





Designed for the future

USB-C currently supports data speeds up to USB 3.1 (10 Gbps) Designed to scale as faster data speeds evolve

Coming in Summer 2015

Exciting new USB-C products from StarTech.com







Cables



Docking Stations



Cards & Hubs



Hard Drive Enclosures

USB Type-C and USB-C are trademarks of USB Implementers Forum.

For our full range of USB-C solutions please visit: www.startech.com/usb-c

Neatly Store, Mount, and Control Your

Equipment

We provide equipment mounting and control solutions not only for the server room, but also for those areas that customers and the public visit, where elegance also matters. In the boardroom or the classroom, in the lobby or at your desk – or in the server room – we can help you.

Store

Quiet & Stylish Server Cabinet

RKQMCAB12

Store IT equipment discreetly in the office or classroom. The insulation ensures minimal noise, while the fans and airflow design ensure maximum cooling. Plus, front and rear key-locks prevent unauthorized access.



12U Server Rack adjustable depth with open frame

4POSTRACK12U

Store your servers, network, and telecommunications equipment in a sturdy 4-post rack. Offers easy-to-read markings for rack units and depth. Includes casters, levelers, and cable management hooks.

2U Server Rack Shelf sliding and vented

UNISLDSHF192

Add a vented, sliding shelf with cable management into virtually any 4-post server rack or cabinet. Adjustable mounting depths.

For our full range of server management solutions please visit: www.startech.com/server-management





Mount

Articulating Mounting Arm for Two Displays









Control



2-Port KVM Switch with Fast Switching





LIVE CHAT

The Connected Boardroom

Maximize productivity in meeting spaces by integrating the right connectivity solutions.

The StarTech.com Advantage:

- Enable quick & easy connections
- Create a professional, clutter- free environment
- Ensure compatibility with most laptops and devices

Connect & Convert

The Conference Table Connectivity Box reduces clutter by discreetly installing into your boardroom table. Conveniently connect laptops and other devices to displays or projectors. Provides connections for HDMI, VGA, mDP, composite AV, Ethernet and USB. **BOX4HDECP**



7 Gadgets to get you through your next presentation

– Inc.

Long-length HDMI cable A large variety of options available including active & optical in lengths up to 100ft.



A complete selection of colors and lengths up to 100ft.







Extend

Boost HDMI signal s up to 330 ft/100m with this HDMI over Cat5e/6 Extender Kit. ST121HDBTPW

Rated for in-wall installations





Charge

Keep mobile devices charged during meetings using a **7 Port USB Charging Station.** ST7CU35122





PROJECTED SALES

Share



Present content from your smartphone, tablet, or laptop on any HDMI display with this Wireless **Display Adapter for Mobile Devices.** WIFI2HDMC













Make Your Signage

Digital signage is a **vivid** and easy-to-update way to display content such as text, information, images, and animation. You can use digital signage in offices, retail stores, public spaces, educational environments — virtually anywhere

We offer many products to help you set up and connect your digital signage, including video wall solutions, switches, and wired and wireless extenders to keep your media sources out of sight. We can help you deliver your message in 4K Ultra HD for the highest resolution and clearest images, which is particularly valuable for larger signage.



Multiple Displays & **4K**



4K trends

4K ULTRA HD









Extenders & Video Walls





Video Wall for up to 4 Displays

VS424HDPIP

Share and switch four distinct HDMI audio/video signals between four displays. Show multiple signals on the same display with Picture-and-Picture (PAP), or mix and match signals across multiple displays. Use this with our other products for more advanced multi-source and multi-panel video walls that you can control over IP.

Extender and Video Wall for Many Displays

ST12MHDLAN

As an extender, send an audio/video signal to up to 100 displays on a single managed Gigabit network. Additional ST12MHDLANRX receivers required (sold separately). For video walls, use multiple transmitters and receivers to mix and match up to 64 signals on 64 displays.

4K A/V Splitter for 2 Displays

ST122HD4KU

Send a 4K Ultra HD signal to 2 displays for beautiful and clear signage.



High Speed HDMI Cables

SKU Shown: HDMM50 | HDMM6



High-Resolution VGA Cables

MXT101MMHQ50 | MXT101MMHQ



Network Cables

SKU Shown: S45PATCH100B

It's all about selection.

www.startech.com/cables

SKU Shown:

View the full selection of digital signage solutions at: www.startech.com/digital-signage

1.800.265.1844 www.startech.com/chat

Cables & Accessories

adapters, including HDMI, VGA, Network,

& DisplayPort. We also offer a full range of

We offer a full range of cables and

extenders, splitters, and switches.



Maximize your Network

With more and more devices connected to the Internet, the ability to extend your network, find open ports, and provide power becomes a constant concern. We offer a variety of products to upgrade your network connections on devices and expand your network indoors, between buildings, and outdoors.

Make the Most of

SSD Storage

Solid State Drive (SSD) storage gives you fast performance, a small form factor, quiet operation, and a long life span. We can help you connect to SSD in different setups, carry it on the go, and add it to your computers, devices, and server rooms.



Network Connectivity Identifier

10-Gigabit Network Card

ST10000SPEX

Thunderbolt to Gigabit Ethernet

+ USB 3.0 Adapter

TB2USB3GE

5-Port Gigabit Switch

DS51002

USB867WAC22

In-Wall Wireless Access Point for

802.11b/g/n

AP300WN2X2W **Guest Access Point & Account**

Generator for Wireless N

R300WN22GA

Gigabit Ethernet to LC Fiber

Converter 550m ET91000LC2

Outdoor Access Points for a

Add 10-gigabit Ethernet to your computer with a PCI Express card.

Add a Gigabit Ethernet port and a USB 3.0 hub port to your Thunderbolt equipped computer.

Network up to five Ethernet devices through an energy-efficient gigabit switch.

Add Wireless-AC connectivity to a computer.

Create an indoor Wi-Fi® hotspot from an existing wired connection.

Create multiple temporary accounts for guests to access your secure wireless network.

Extend a Gigabit Ethernet connection

between buildings

Add Wi-Fi to an outdoor area.

Wireless Network R300WN22MOD R300WN22M0D5 R300WN220P5

5GHz - IP67 5GHz – long range

Provides increased bandwidth using existing Cat 6a cabling, avoiding costly fiber upgrades.

> Features significantly reduced power consumption compared to similar cards.

Connect to a wired, Gigabit Ethernet connection where wireless signals are limited or unavailable.

Designed for desktop or wall-mount installations.

USB 3.0 Network Adapter for Dual-band Wireless AC Provides exceptional speed and range when paired with an 802.11ac router.

> Add a Wireless-N access point and two integrated RJ45 LAN and phone ports for wired network devices.

Creates multiple temporary accounts for guests to access your secure wireless network, at the touch of a button. Features an integrated display.

Delivers fast and reliable network access at longer distances than copper-based networks.

Weather-resistant enclosure. Includes pole and wall-mounting options. Power-over-Ethernet (PoE) means that you can install the access point

where power is unavailable and also power other PoE devices.

USB 3.0 Enclosure for SATA Storage

S2510BMU33

Turn any 2.5in SATA drive into an external drive. USB Attached SCSI Protocol (UASP) enables transfer speeds up to 70% faster than conventional USB 3.0. Aluminum housing. No power adapter required.

eSATA and USB 3.0 Duplicator and Dock for SATA Drives

SDOCK2U33RE

Clone a drive without a computer connection or dock the drives over USB 3.0 or eSATA for easy access.





SATA to USB 3.0 Cable



Dual 2.5in to 3.5in Bracket for **SATA Drives**



2-Port SATA Card for a HyperDuo **RAID Array**





please visit: www.startech.com/networking

please visit: www.startech.com/SSD



Connect, Charge & Sync

Your Mobile Devices

Make sure that you have enough power for your device wherever you are. We have solutions for charging at work, at home, on the go, or in the car.



Charge Cables



Car Chargers



Travel Chargers



Home & Office Chargers



Lightning Cable for Apple Devices

USBLT3MB

This long, black cable is colored to match your black devices and enables long-range charging and syncing. Ideal for when you're on the move and need to access your device while it's charging.







Charge your Micro-USB device with the integrated Micro-USB cable, and charge a second device with the USB port.



Includes interchangeable power plugs for different countries.



7-Port Charging Station for USB Devices

ST7CU35122

A truly must-have gadget RuggedPCReview.com

Set up a dedicated USB charging station in a boardroom or helpdesk environment. Provides five 1A and two 2A ports. Includes a surface and wall-mount bracket for secure mounting.

Have the right charge cables for every situation

We offer a wide range of cables, constructed for maximum quality and durability. We offer different lengths, connectors, colors, and adapters.



2-Port Car Charger - USB and **Built-in Lightning Cable**

USBLT2PCARW

Charge your Lightning equipped Apple device with the integrated Lightning cable, and charge a second device with the USB port.





3-in-1 Charge Cable for **Apple and Micro USB**

LTADUB1MB

Charge or sync your iPhone, iPod, iPad, or Micro-USB device using a single cable.

Apple: Lightning | 30-pin Dock devices Android: Micro USB





4-Port USB 3.0 Hub Plus **3 USB Charging Ports**

ST4300U3C3

Add multi-device connectivity and dedicated charging in a single product.

1A USB 2.0 Port 2.4A USB 2.0 Port



View the full selection of mobile solutions at: www.startech.com/mobile-devices



Upgrade Your Device's Connectivity

Whether you're on the road or at your desk, we can help you be prepared and connect your computer or tablet to whatever you need.

Upgrade your **Ultrabook**





Add DisplayPort, HDMI, 1x USB 3.0 Fast-Charge + Sync, 3x USB 3.0, Gigabit Ethernet, and audio to your Ultrabook™ or MacBook® through a USB 3.0 cable





Connect your Ultrabook™ to a VGA projector or display and add Ethernet + 1 USB 3.0 port, in a convenient adapter bundle

With our products, you can:



At your main desk

Turn your laptop into an office or home workstation using just a single cable



USB ports

Make sure that you have enough USB ports for your storage, peripherals, and other devices while on the road



Your storage space

Access large amounts of data at high speed (20Gbps for Thunderbolt 2 products)



VGA

Connect to most older monitors and projectors



HDMI

Connect to recent monitors, projectors, and flat screen TVs



Wired Gigabit Ethernet Via **RJ45**

Transfer files fast (at 1000 Mbps) with more security and reliability than Wi-Fi®



DESCRIPTION OF STREET Upgrade your MacBook Thunderbolt 2[™] 4-Bay 3.5" SATA Hard Drive Enclosure with RAID requiring both high capacity and high speed. Thunderbolt[™] to Gigabit Our Thunderbolt™ products meet these demands Ethernet + USB 3.0 Adapter and also look great next to your MacBook. Thunderbolt[™] 2 4K Laptop **Docking Station with TB Cable** TB2DOCK4KDHC

Add more capabilities to your device:

HDMI

MDP2HDVGAW/

MACAMDPGRK

Your device

Your device

has this nort

Your device

Connectors

RJ45

TR2LISR3GE

MACAMDPGRK

TB2USB3GE

MACPRMDPUGBK

USB31000SPTE

LENX1MDPUGBI USB31000SPTB

LENYMCHDVUG

Your device

has this port

USB

Accessories

Store

Dock









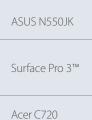




	with Retina Display		
	Lenovo X1 Carbon		
	Lenovo Yoga 3 Pro		
	HP EliteBook Folio		
	ASUS N550JK		
rface	Surface Pro 3™		

MacBook Air

MacBook Pro



LENAIMDPUGDK	rios triis port
MCHD2VGAE2	HDADFM5IN
LENYMCHDVUGK	LENYMCHDVU
Your device has this port	DP2VGDVHD
MDP2VGDVHD	Your device
MDFZVODVHD	has this port
MDP2VGDVHD	MDP2VGDVHD

VGA

MDP2HDVGAW/

MACAMDPGRK

MDP2VGDVHDW

MACPRMDPUGBK

MSTP3MDPUGBk

HD2VGAMICRO









www.startech.com/laptop-accessories

Samsung







Hard-to-find made easy®

Over 3,000 products supporting more than 200 different technologies ensure you'll always find the part you need.



Audio-Video Connectivity

Adapters Converters Extenders Splitters Switches



Hard Drive Accessories

Drive Duplicators & Docking Stations External Drive Enclosures Mobile Racks Drive Adapters & Converters



Cables

Specialized lengths Angled connectors Broad selection of colors New and legacy connector types



Add-on Cards & Peripherals

Cards & Adapters Docking Stations Hubs



Server Management

KVM Switches Specialized Racks Rackmount KVM Consoles Crash Cart Adapters



Networking IO

Media Converters & Extenders Network Adapter Cards Wireless Network Adapters Ethernet Switches Network Print Servers

From legacy to the latest, StarTech.com connectivity parts support all the technologies you need.

3.5 mm Mini-Jack Apple Dock Connector Apple Lightning Connector **ASUS Connector** AT Motherboard Power ATX Power Barrel Power Connector Bluetooth BNC Centronics CompactFlash Slot Component Video Composite Video DB-15 DB-25 DB-9

DFP Digital Coax Audio DisplayPort DVI-D DVI-I eSATA ExpressCard Fiber Optic LC Fiber Optic MT-RJ Fiber Optic SC Fiber Optic ST Firewire HDMI HPDB50 SCSI-2 HPDB68 SCSI-3 IDC

IEC 60320 Power
IrDA
LP4
Memory Stick
Micro HDMI
Micro SATA
Mini HDMI
Mini PCI Express
Mini PCI Type III
Mini-Centronics
Mini-DIN
Mini-DisplayPort
Molex Fan
MPC2
MPC3

mSATA Slot

NEMA 5-15 Power
PC Card Slot
PCI Slot
PCI Express
Power DIN
Power eSATA
PoweredUSB
PS/2
RCA
RJ-11
RJ-45
RP-SMA
RP-TNC
Samsung Connector

SATA Data & Power combo

SD / MMC Slot SFF SFP Slim ATAPI Slimline SATA SMA SmartMedia Slot SP4 Stereo Audio S-Video Terminal Block Thunderbolt™ 2 Toslink Type F

SATA Power

USB 3.0 A USB 3.0 B USB 3.0 Micro-B USB A USB B USB Micro USB Micro-B USB Mini USB Mini-B USB-C V.35 VGA VHDCI Wireless G Wireless N xD-Picture Card Slot