



CUECTED SALES



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The Connected **Boardroom**

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

Make Your Signage **Vivid** **Maximize** Your Network

NEXT GEN

USB

IS HERE

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 Officer StarTech.com

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.

What's Inside

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8 Must-Have Connectivity Gadgets for **Road Warriors**

Be prepared when you travel by bringing all the necessary accessories to stay connected and productive.

Convert

This handy 3-in-1 AV Adapter ensures presentations go smoothly by connecting laptops to all popular types of projectors and monitors

 \mathbf{O}

MDP2VGDVHDW White Black MDP2VGDVHD



This Compact HDMI to VGA Adapter connects your laptop to VGA monitors and projectors. HD2VGAMICRO



Dock

Transform any laptop into a powerful workstation and add the ports that you're missing with this USB 3.0 Travel Dock for Laptops. **USB3SMDOCKHV**

Connect



with this USB 3.0 to Gigabit Ethernet Adapter. Features an integrated USB 3.0 pass-through port.

USB31000SPTB Black USB31000SPTW White



Genius

Wi-Fi® enabled devices while travelling with the

Portable Wireless Travel Router.

R150WN1X1T

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Charge Fast charge mobile devices from your laptop's USB 2.0 port with

120

Built-in Lightning cable

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

this Fast Charging Adapter.

USB2CHADP

USB2PACBK USB2PACWH White

8 Charge two mobile devices simultaneously on the road with this Dual-Port Car Charger equipped with a USB port White USBLT2PCARW Black USBLT2PCARB



The Connected Workstation



The StarTech.com Advantage:

- Create a flexible and efficient work environment
- Save space with optimized connectivity

Dock Our wide range of Laptop Docking Stations includes different sizes and orientations, such as upright docks for saving space. USB3SDOCKDD USB 3.0 Deskto TB2DOCK4KDHC 4K Thunderbolt USB3SMDOCKHV USB 3.0 Travel

Charge & Connect

ST4300U3C3



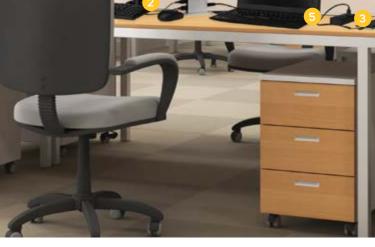


This USB 3.0 Hub & Charging Station provides four hub and three charge ports. Mount the small enclosure on the wall or another surface, out of the way.

ST4300U3C1B ST4300U3C1

View the full selection of workstation solutions at: www.www.startech.com/uk/workstation

Saving space while maintaining full connectivity can be a tricky balance. We can help you win on both counts by integrating the right devices into your open concept office, hot desk, or busy workstation.



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



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





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

LTUB1MBK





Improve Productivity with **Multiple** Monitors

Upgrade to 4K



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	DISPL2M	
HDMI	HD2VGAE2	HDDVIMF8IN	HDMM2M	*Refer to ConXit	
Micro HDMI	MCHD2VGAE2	HDDDVIMM1M	HDADFM5IN	*Refer to ConXit	
Mini HDMI	MNHD2VGAE2	HDCDVIMM1M	HDACFM5IN	*Refer to ConXit	
ر	USB32VGAES	USB32DVIEH	USB32HDES 1080p USB32HD4K 4K Ultra HD	USB32DPES 1080p USB32DP4K 4K Ultra HD	

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

These MST hubs can connect up to 3 DisplayPort

MSTDP123DP DisplayPort MSTMDP123DP Mini DisplayPort

enabled monitors to your computer.

Computer must suppor DisplayPort 1.2

View the full selection of multiple monitor solutions at: www.startech.com/uk/display-adapters



ALK TO A TECH ADVISOR LIVE CHAT 0800 169 0408 www.startech.com/uk/chat **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.





Connect up to 2 monitors through USB 3.0

USB32HDDVII

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

Supports:

1080p HD



USB-C The Next Generation of Connectivity is Here!

A new connector has arrived for computers, peripherals, and mobile devices: the USB-C[™] connector. Also known as USB Type-C[™], it is much more than just USB! It consolidates the following functions over a single connector:



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



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

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

Docking with ease

and audio with one connection

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

Increase productivity with true single-cable docking

Enable display, charging, power, networking, data,

Coming in Summer 2015

Exciting new USB-C products from StarTech.com





Cables

PHONE



Docking Stations







Hard Drive Enclosures

Cards & Hubs

USB Type-C and USB-C are trademarks of USB Implementers Forum. ALK TO A TECH ADVISOR LIVE CHAT 800 169 0408 www.startech.com/uk/chat

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

RKWOODCAB12

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. With adjustable mounting depths.



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













Mount

Articulating Mounting Arm for Two Displays













2-Port KVM Switch with Fast Switching





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 30m.

Rated for in-wall installations



ETL rated for guaranteed quality & reliability



Extend











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





Share

WIFI2HDMCGE





View the full selection of boardroom solutions at: www.startech.com/uk/boardroom

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









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/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.



4 Displays



Cables & Accessories

We offer a full range of cables and adapters, including HDMI, VGA, Network, & DisplayPort. We also offer a full range of extenders, splitters, and switches.

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 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.



High Speed HDMI Cables SKU Shown: HDMM2MHS | HDMM15M



High-Resolution VGA Cables

SKU Shown: MXTMMHQ2M | MXTMMHQ15M



Multiple Displays & **4K**



4K A/V Splitter for 2 Displays

ST122HD4KU

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





N6PATC15MBL

It's all about selection.

Different lengths, colours, & connectors available

www.startech.com/uk/cables



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

4KHUB

Catch up on the latest **4K trends**

4K ULTRA HD

4KHUB recently interviewed StarTech.com Senior Product Manager, **John Mardinly** about the future of 4K technology.



Where is 4K most implemented — what will take hold next year or after?

A. 4K is currently widely used for video/media production. Over the next year or two we should begin to see 4K video content more publicly available through television broadcasts and home video i.e Blu-ray discs. With most video production being done in 4K, it's the distribution and delivery that will need to be upgraded.



What's going on from your perspective with all the latest tech and its adoption?

A. The new technology is great for computer users looking for higher resolutions, consumer electronics (TV and home video), and video production/editing. We expect the technology to become more mainstream in homes, corporate offices, retail (digital signage), and healthcare. Once the technology becomes mainstream this will have an increased demand in 4K video and content. Video production in 4K will become a standard.



Where do you see the future of 4K heading?

A. 4K is coming quickly and we believe it will be widely adopted rapidly by viewers, video professionals, and broadcasting.



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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							
Where you want to connect	What you want to do	How you can do it	Why choose this technology				
Indoors Wired	Add 10-gigabit Ethernet to your computer with a PCI Express card.	10-Gigabit Network Card ST10000SPEX	Provides increased bandwidth using existing Cat 6a cabling, avoiding costly Fibre upgrades. Features significantly reduced power consumption compared to similar cards.				
	Add a Gigabit Ethernet port and a USB 3.0 hub port to your Thunderbolt equipped computer.	Thunderbolt to Gigabit Ethernet + USB 3.0 Adapter TB2USB3GE	Connect to a wired, Gigabit Ethernet connection where wireless signals are limited or unavailable.				
	Network up to five Ethernet devices through an energy-efficient gigabit switch.	5-Port Gigabit Switch DS51002GB	Designed for desktop or wall-mount installations.				
Indoors Wireless	Add Wireless-AC connectivity to a computer.	USB 3.0 Network Adapter for Dual-band Wireless AC USB867WAC22	Provides exceptional speed and range when paired with an 802.11ac router.				
	Create an indoor Wi-Fi® hotspot from an existing wired connection.	In-Wall Wireless Access Point for 802.11b/g/n AP300WN22WUE	Add a Wireless-N access point and two integrated RJ45 LAN and phone ports for wired network devices.				
	Create multiple temporary accounts for guests to access your secure wireless network.	Guest Access Point & Account Generator for Wireless N R300WN22GAGB	Creates multiple temporary accounts for guests to access your secure wireless network, at the touch of a button. Features an integrated display.				
Between Buildings	Extend a Gigabit Ethernet connection between buildings	Gigabit Ethernet to LC Fibre Converter 550m ET91000LC2	Delivers fast and reliable network access at longer distances than copper-based networks.				
Outdoors	Add Wi-Fi to an outdoor area.	Outdoor Access Points for a Wireless Network R300WN220DG 2.4GHz – IP67 R300WN22M05G 5GHz – IP67 R300WN220P5G 5GHz – Long range	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.



SATA to USB 3.0 Cable



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please visit: www.startech.com/uk/networking

please visit: www.startech.com/uk/SSD



faster

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.







Dual 2.5in to 3.5in Bracket for SATA Drives

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





Connect, Charge & Sync **Your Mobile Devices**









Lightning Cable for Apple Devices

USBLT3MB

This long, black cable is coloured 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.



3m | 10ft



2-Port Car Charger - USB and Built-in Micro-USB Cable

USBUB2PCARB

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

2-Port USB Wall Charger for International Travel

USB2PACBK

Charge your tablet and phone simultaneously. Includes interchangeable power plugs for different countries.

1A USB 2.0 Port 2.4A USB 2.0 Port

Compact Design

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, colours, 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.

iPod iPhone iPad



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

iPod iPhone iPad



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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.





7-Port Charging Station for USB Devices

ST7CU35122

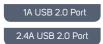
A truly must-have gadget – RuggedPCReview.com 🧲

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.



4-Port USB 3.0 Hub Plus **3 USB Charging Ports** ST4300U3C3

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





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**

USB 3.0 Laptop Docking Station with 4K DisplayPort, HDMI USB3DOCKHDPC



Ultrabook™ or MacBook® through a USB 3.0 cable

Display / Ethernet Kit for New Lenovo® X1 Carbon 2 LENX1MDPUGBK



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

Add DisplayPort, HDMI, 1x USB 3.0 Fast-Charge +

Sync, 3x USB 3.0, Gigabit Ethernet, and audio to your

With our products, you can:







Add more capabilities to your device:

		VGA	HDM
MacBook	MacBook Air	MDP2HDVGAW MACAMDPGBK	MDP2HDVGAW MACAMDPGBK
	MacBook Pro with Retina Display	MDP2VGDVHDW MACPRMDPUGBK	Your device has this port
	Lenovo X1 Carbon	MDP2VGDVHD LENX1MDPUGBK	Your device has this port
ook™	Lenovo Yoga 3 Pro	MCHD2VGAE2 LENYMCHDVUGK	HDADFM5IN LENYMCHDVU
Ultrabook™	HP EliteBook Folio*	Your device has this port	DP2VGDVHD
	ASUS N550JK	MDP2VGDVHD	Your device has this port
Microsoft Surface	Surface Pro 3™	MDP2VGDVHD MSTP3MDPUGBK	MDP2VGDVHD MSTP3MDPUG
book	Acer C720	HD2VGAMICRO	Your device has this port
Chromebook	Samsung Chromebook 2 & 3	HD2VGAMICRO SAMC2VGAUGEK	Your device has this port

View the full selection of laptop accessory solutions at: www.startech.com/uk/laptop-accessories



Connectors

RJ45 USB Dock Store TR2LISR3GE S354SMTB2R ST4300MINU3W ТВ2ПОСК4КПНО MACAMOPGRK \$252\$MTB3 S354SMTB2R TB2USB3GE ST4300MINU3W TB2DOCK4KDH0 MACPRMDPUGBK S252SMTB3 USB31000SPTB ST4300PBU3 JSB3DOCKHDPO S252BU33R LENX1MDPUGBK USB31000SPTE ST4300PBU3 JSB3DOCKHDPC S252BU33R LENYMCHDVUG Your device ST4300PBU3 JSB3DOCKHDPC S252BU33R has this port Your device ST4300PBU3 JSB3DOCKHDPC S252BU33R has this port ST3300GU3B ST4300PBU3 S252BU33R MSTP3MDPUGBK USB31000SPTB ST4300PBU3 S252BU33R USB31000SPTE ST4300PBU3 S252BU33R SAMC2VGAUGEK

*Some models of the HP EliteBook Folio might have a different set of connectors.



Accessories



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 colours 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 Fibre Optic LC Fibre Optic MT-RJ Fibre Optic SC Fibre Optic ST Firewire HDMI HPDB50 SCSI-2 HPDB68 SCSI-3 IDC

IEC 60320 Power **Ir**DA 1 P 4 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 SATA Data & Power combo SATA Power SD / MMC Slot SEE SFP Slim ATAPI Slimline SATA SMA SmartMedia Slot SP4 Stereo Audio S-Video Terminal Block Thunderbolt™ Thunderbolt™ 2 Toslink Type F

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