2015 ISSUE I

CONNECTIVITY **GUIDE** THE INSIDE EDGE ON CONNECTING TECHNOLOGY SOLUTIONS

In this issue:

DisplayPort Thunderbolt 4K

Manage & Secure your Data with Ease

Connectivity

Turn a Laptop into



Connect, **Charge & Sync**

Unleash your Tablet's Full Potential



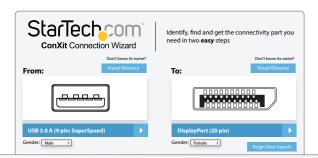
HARD-TO-FIND MADE EASY

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 user-friendly 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.



TALK TO A TECH ADVISOR

Live Support: Monday - Friday

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Live Chat at be.startech.com/chat

Email: advisors@startech.com



NEW AND HARD-TO-FIND **CONNECTIVITY PARTS**

Visit our website for all of our new & upcoming products be.startech.com/new

Thunderbolt[™] 2 4K Laptop **Docking Station**

TB2DOCK4KDHC

Transform your MacBook® or laptop into a powerful 4K Ultra HD workstation or hot desk, through just a single Thunderbolt cable



USB 3.0 to 2.5/3.5in SATA/IDE Converter

USB3SSATAIDE

Connect a 2.5in / 3.5in SATA or IDE Hard Drive through a USB 3.0 Port



Mini DisplayPort® to HDMI/VGA/DVI Adapter

MDP2VGDVHD

Connect a Mini DisplayPort-equipped PC or Mac® to an HDMI, VGA, or DVI Display



Removable 2.5" SATA HDD **Backup System**

SAT2510U3REM

Turn a 2.5in SATA drive into a front bay mounted removable HDD backup solution



USB 3.0 to HDMI® External Video Adapter – 4K

USB32HD4K

Connect an additional HDMI display to your PC, Connect three DisplayPort-enabled with USB 3.0 technology capable of playback at 4K monitors to your laptop or Ultrabook™



MST Hub - Mini DisplayPort to 3x DisplayPort

MSTMDP123DP

KVM to USB 2.0 Crash Cart Adapter with File Transfer

NOTECONS02

Turn any notebook into a portable console for rack servers, PCs, ATMs, kiosks and more

USB 3.0 to 2.5" SATA HDD/SSD Cable with UASP

USB3S2SAT3CB

Connect a 2.5in SATA hard drive to your compute using a portable cable with UASP Support



USB 3.0 Laptop Docking Station with 4K DisplayPort, HDMI

USB3DOCKHDPC

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



HDMI®/VGA/mDP/Composite **Table Surface Access Switch**

BOX4HDECP

Install an HDML VGA, mDP and Composite Audio-Video access panel into the surface of a table for a concealed connection to an HDMI display or projector



Desk Mount Articulating Dual Monitor Arm

ARMDUAL

Mount two 24" LCD or LED monitors to a desk, with extension, tilt, pan, swivel, pivot and height adjustments



White Micro USB OTG Adapter

UUSBOTGW

Connect your USB On-The-Go capable tablet Control a server or PC remotely over the Internet,



1 Port PS/2 USB VGA IP KVM with IP Power Control

SV1108IPPWGB

computer or smartphone to USB 2.0 devices with built-in remote power management and RS232



BRIDGE YOUR TECHNOLOGY WITH DISPLAYPORT

3in1

As Ultrabooks, tablets and MacBooks continue to become thinner and lighter, the slim and compact design of Mini DisplayPort has been adopted as the only video output option for these devices. Our DisplayPort adapters, cables, and converters keep all of your devices connected and compatible with new or legacy displays.

DISPLAYPORT ADAPTER

By combining HDMI, DVI, and VGA connections into one compact adapter, your device is compatible with virtually any display.



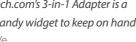
Mini DisplayPort® to HDMI/VGA/DVI Adapter MDP2VGDVHD



Mini DisplayPort® to HDMI/VGA/DVI Adapter MDP2VGDVHDW



StarTech.com's 3-in-1 Adapter is a very handy widget to keep on hand - rAVe





HDMI is approaching a 100% penetration rate in the HDTV market and is also commonly found on boardroom displays and projectors.



DisplayPort® to HDMI® Video Adapter DP2HDMI2



Mini DisplayPort® to HDMI® Video Adapter MDP2HDMI



Connect to existing display devices, such as projectors and monitors that still use DVI connections.



Mini DisplayPort® to DVI Adapter MDP2DVI3



VGA has been around for more than 25 years and is still found on many display devices. Ensure compatibility with your legacy devices using our DisplayPort to VGA Adapters.



Mini DisplayPort® 1.2 to VGA Adapter MDP2VGA2

DISPLAYPORT TO **DVI/VGA CABLES**

The service life of existing VGA and DVI display devices can be extended while ensuring maximum compatibility with DisplayPort connectivity standards.

DisplayPort® to DVI Cable - M/M



MDP2DVIMM3BS* MDP2DVIMM3WS* aft

MDP2DVIMM6BS* MDP2DVIMM6WS* 6ft MDP2DVIMM6W







DisplayPort®

to VGA Cable										
3ft	DP2VGAMM3B	•								
6ft	DP2VGAMM6B	•								
10ft	DP2VGAMM10B	•								
15ft	DP2VGAMM15B	•								

Mini DisplayPort to VGA Cable - M/M



● MDP2DVIMM10B ○ MDP2DVIMM10W 10ft

*Active Cable - Supports Dual Link DVI Resolution of 2560 x 1600

Mini DisplayPort®

to DVI Cable

Replace the cables & keep your existing equipment

MDP2VGAMM6B MDP2VGAMM6W

DisplayPort is more commonly found on devices in the Mini DisplayPort format. Mini DisplayPort & Thunderbolt connectors look identical on the outside, but are two distinct technologies serving different purposes.





Mini DisplayPort

All Mini DisplayPort ports have this logo:



connectivity interface.

Thunderbolt

All Thunderbolt ports have this logo:



How to tell the difference

It is used to connect devices such as an Ultrabook,

laptop, tablet or MacBook to high resolution displays.

Mini DisplayPort is exclusively a display

Thunderbolt supports DisplayPort connectivity as well as other types of connections.

It can be used to connect devices such as an Ultrabook, laptop, tablet or MacBook to high-resolution displays.

DisplayPort capable monitors can be connected to a Thunderbolt port using a Thunderbolt cable.

Bi-directional data transfer & external device support

Display connectivity

It does not allow for bi-directional data transfer and external device support.

Thunderbolt is a dual-channel interface, with one channel dedicated to non-video data.

Thunderbolt supports external high-performance peripherals such as RAID arrays, professional audio and video capture devices







IMPROVE YOUR BUSINESS PRODUCTIVITY WITH 4K ULTRA HE

A single 4K Ultra HD monitor provides the same screen real estate as FOUR 1080p monitors, giving business users an unprecedented boost in productivity.

We offer a wide selection of products to help you take advantage of the next big leap in display technology!



Featured Products



Thunderbolt 2 Quad Bay Enclosure S354SMTB2R

lyperDuo support for near-SSD performance at HDD capacities



Thunderbolt Dual Bay Enclosure S252SMTB3



Thunderbolt 2 Cable

●TBOLTMM2M ○TBOLTMM2MW



Thunderbolt 2 Dock TB2DOCK4KDHC

UNRESTRICTED VERSATILITY & PERFORMANCE WITH THUNDERBOLT

Our Thunderbolt products are designed to improve the workflow and productivity of demanding professionals in the areas of 4K video production, engineering and 3D modelling and CAD/CAM. Capable of simultaneous data and video transfer at up to 20 GB/s, Thunderbolt is the ideal connectivity solution for meeting the needs of professionals and enthusiasts alike.



USB 3.0 High 4K Ultra HD Video Adapters

USB32DP4K — USB 3.0 to DisplayPort USB32HD4K — USB 3.0 to HDMI

- Enable non-4K capable devices to connect to 4K Ultra HD sources
- Dedicated hardware processing, for improved performance and a smooth visual experience



Mini DisplayPort to HDMI 4K Converter

- MDP2HD4KS MDP2HD4KSW
- Supports video resolution up to 4K

• Supports HDMI 4K @ 30 Hz

Fully compliant with DisplayPort 1.2 revision



- HDPSMM2M • 4K Ultra HD HDMI Cable
- Durable gold-plated connector and metal moulding
- Thin cable for a more flexible installation with minimal clutter

Our Thunderbolt adapters turn an existing Thunderbolt port into a versatile multi-purpose port that supports additional connectivity such as eSATA, USB 3.0 and wired gigabit Ethernet.

DEVICE

PRODUCT

ו nunderboit to USB 3.0 & Gigabit Ethe

CONNECTIVITY ENABLED



USER BENEFITS





4K Docking Stations

Our select Thunderbolt 2 and USB 3.0 docking stations also support 4K Ultra HD video output. This allows an attached device to take advantage of increased resolution and productivity. Be sure to check



Thunderbolt[™] 2 4K **Laptop Docking Station**





USB 3.0 Laptop Docking Station with 4K DisplayPort, HDMI









UPGRADE, IMPROVE & ENHANCE YOUR CONNECTIV

Enhance the latest Ultrabooks, Chromebooks, tablets and MacBooks with our connectivity kits and bring back the most commonly used ports.



MICROSOFT SURFACE PRO 3

Display / Ethernet Kit for Microsoft® Surface™ Pro 3

MSTP3MDPUGBK

Connect your Surface™ tablet to a projector or display (HDMI® or VGA) and add Ethernet + 1 USB 3.0 port, in a convenient adapter bundle

Mini DisplayPort → VGA (Mini DisplayPort → HDMI) (USB 3.0 → Gigabit Ethernet)



MACBOOK PRO

Display / Ethernet Kit for MacBook Pro® with Retina®

MACPRMDPUGBK

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

Mini DisplayPort → VGA

USB 3.0 — Gigabit Ethernet



Display / Ethernet Kit for 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

(Mini DisplayPort → VGA

(USB 3.0 - Gigabit Ethernet)



Ports enabled by our connectivity kits

VGA



Benefits

- 99% of all monitors and projectors still have a VGA port
- Ensure your device can connect to VGA displays or projectors

HDMI



• HDMI is approaching a 100% penetration rate in the HDTV market and is also commonly found in boardroom displays and projectors

Wired Gigabit



- Quickly transfer a large number of files to and from your device over the network
- · Ideal for locations without a Wi-Fi network
- Provides the security and reliability of a wired network connection

Benefits of upgrading

Chromebooks can't use just any USB peripherals. Drivers need to be supported by Google and can't be simply downloaded online. StarTech.com offers Google-supported Chromebook add-ons for all of the top selling brands.



USB 3.0 to Gigabit Ethernet Network Adapter with USB Port

• Ideal for locations without a Wi-Fi network or for the added

- security and reliability of a wired network connection
- 99% of all monitors and projectors still have a VGA port.
- Make sure your Chromebook can connect to an HDMI to VGA adapter.

HP® Chromebook™ 14



UNLEASH YOUR TABLET'S FULL POTENTIAL

StarTech.com offers a selection of products to enhance the capabilities of Windows powered tablets for the best user experience and improved productivity.



Tablet Stand with 3 Port USB 3.0 Hub & Combo Fast-Charge Port

ST4300U3C1E

This space-saving USB 3.0 hub provides ergonomically friendly access to your tablet via an embedded flip-up stand, for convenient operation and charging



MST Hub - Mini DisplayPort to 3x DisplayPort

MSTMDP123DP

- Connect up to three monitors to the Microsoft Surface Pro 3*
- Unparalleled screen real estate for improved productivity

*Requires DisplayPort capable monitors or DisplayPort adapters for monitors with other connectivity options such as DVI, HDMI or VGA





3-Port Portable USB 3.0 Hub with Gigabit Ethernet Adapter

ST3300GU3B

Expand your tablet connectivity by adding three external USB 3.0 ports and a Gigabit network port via a single USB 3.0 connection



Headset Adapter Splitter Cable for Headphone & Microphone

MUYHSM

Connect your headset and microphone combo to the Microsoft Surface Pro 3 combo audio jack



Mini DisplayPort[™] to HDMI / VGA Adapter

MDP2HDVGA

Ensure your Microsoft Surface Pro 3 can always connect to a compatible display or projector for sharing content and presentations

USB 3.0 to HDMI video adapter with 3-port USB hub

USB32HDEH3

- Connect and access multiple high-speed USB 3.0 devices such as external flash thumb drives, printers and external hard drives
- Turns a USB 3.0 port into an HDMI output port with 1920x1200/1080p video support









CONNECT, CHARGE & SYNC YOUR MOBILE DEVICES

Mobile devices such as iPhones and Android based smartphones are essential for our daily productivity and communication needs. Charge or sync them using our dedicated USB charging stations and cables.



your tablets, smartphones & other mobile devices

7-Port USB Dedicated **Charging Station**

A truly must-have gadget

— RuggedPCReview.com

2 Port USB Wall Charger High Power 17 Watt / 3.4 Amp



USB to Lightning™ Cable for iPhone®/iPod®/iPad® Mobile Charge Sync Micro USB Cable USBLT1MBL USBLT1MYL ■ USBAUB1MBL ■ USBAUB1MYL USBLT1MGN USBLT1MPK LISRALIRIMGN BUSBAUBIMPK

Never let your mobile devices run out of power while on the road with our car chargers!



USB2PCARBK

Charge your tablet and your cell phone simultaneously

2.4A USB 2.0 Port 1A USB 2.0 Port



USBLT2PCARW

Charge two Apple mobile devices simultaneously





iPhone or iPad Lightning cable ■ USBUBLTADPB () USBUBLTADPW

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PHONE

0800 81 229 LIVE CHAT

®iPod □iPhone □iPad

Reduce clutter with fewer cables

Turn any micro USB cable into an Apple

View the full selection of mobile connectivity solutions at: be.startech.com

MANAGE & SECURE YOUR DATA WITH EASE

Prevent data theft with secure erasers

The sensitive information that fills your hard drives and USB flash drives — such as medical, financial and business data — is easily recoverable if incorrectly disposed.

Simply formatting or erasing storage devices is no longer adequate at destroying sensitive information. Our line of standalone secure erasers feature a three-pass erasure process that helps prevent file recovery.







1 to 3 Standalone Hard Drive **Duplicator & Eraser** SATDUP13



Portable 1:5 USB Flash Drive **Duplicator & Eraser** USBDUP15



Save time with standalone duplicators

Our standalone drive duplicators make operating system rollouts or data migrations a breeze, without the use of a host computer system.



USB 3.0/eSATA 6-Bay HDD **Duplicator Dock**











1:1 HDD/SSD Duplicator with Image Library Backup & Restore



View the full selection of hard drive erasers and duplicators at: be.startech.com

UNIVERSAL DOCKING STATIONS FOR OFFICE AND **ON-THE-GO** PRODUCTIVITY

StarTech.com offers full-size docking stations for desktop and hot desk use. For travelers, we also offer a new line of mini docking stations that are self-powered using USB 3.0.

Mini docking stations provide access to common and necessary ports that are often missing on the latest Ultrabooks, tablets, and MacBooks.

Wired Gigabit

Enjoy the reliability and security of wired Ethernet

VGA & HDMI

Ensure your device is compatible with two of the most common video interfaces in the world!

Additional USB 3.0 ports

Connect and access additional peripherals



Turn your Ultrabook™ or laptop into a mobile workstation when you're on the move. Add VGA output, a USB 3.0 hub port, and a Gigabit Ethernet RJ45 port, all through a single USB 3.0 host connection.

USB3SMDOCKV





USB 3.0 Mini Docking Station with HDMI® or VGA, and GbE

USB3SMDOCKHV

Transform your Ultrabook™ or laptop into a mobile workstation, by adding HDMI® or VGA video output, a USB 3.0 hub port, and a Gigabit Ethernet RJ45 port, all through a single USB 3.0 host connection.



USB 3.0 Mini Docking Station Adapter with GbE & VGA

USB31GEVG

This mini docking station is travel friendly. It lets you create a mobile workstation by adding VGA and Gigabit Ethernet connection ports to your Ultrabook™ or laptop, through a single USB 3.0 cable.

	StarTech.com	Docking Stations	Display Support		Display Output				IO Features									Other Features			
	Family	Part #	Max Displays	Max Resolution	DisplayPort	Thunderbolt/ Mini DisplayPort	HDMI	DVI	VGA	Thunderbolt	USB 3 Standard	.0 Fast Charge	USB 2.0	eSATA	Gigabit	Audio	Microphone	Digital Audio	Security Lock Slot	Orientation	OS Compatibility
	THUNDERBOLT. Thunderbolt Docking Station	TB2DOCK4KDHC	2*	3840x2160 1 display only		1	1			Thunderbolt 2 One port reserved for host connection	3	1		1	~	(Combo Ja	ck + Line-In)	~	~	\leftrightarrow	with and with white the wind with the wind wind wind with the wind with the wind wind with the wind with the wind
		TBDOCKHDPBC	2*	2560x1440		1	1			One port reserved for host connection	3				~	~	~			+	works with windows Skill Salay
	USB 3.0 Full Size Docking Station	USB3DOCKHDPC	2	3840x2160 1 display only	1		1				3	1			~	(Comb	po Jack)		~	\leftarrow	Windows Windows (6.8 a)
		USB3SDOCKDD	2	2048x1152			With included adapter	2	With included adapter		3	2			~	(Comb	po Jack)			+	
		USB3SDOCKHD	2	1920x1200			1	1			2		4		~	~	~				works with Windows Windows Viota
		USB3SDOCKHDV	2	2048x1152			1	1	1		3				~	~	~		~	\longleftrightarrow	Windows Windows No Go Go Go pp
		USB3SDOCKD	1	1920x1200				1			2		4		~	~	~			1	
September 1	USB 3.0 Mini Docking Station	USB3SMDOCKV	1	2048x1152					1		1				~						
		USB3SMDOCKHV	1	2048x1152			1		1		1				~						windowsh Windows Windows Vista
		USB31GEHD	1	2048x1152			1								~						Windows Mac OS 10.6 & up
		USB31GEVG	1	2048x1152					1						~						





Over 3,000 products supporting more than 100 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
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 IP4 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
SFF
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 Micro USB Micro-B USB Mini USB Mini-B V.35 VGA VHDCI Wireless G Wireless N xD-Picture Card Slot