20V 4.5A

HDMI

USB-C Docks & Hubs
A Professional's Guide

Kensington®

SOLUTIONS FOR A
SMARTER WORKSPACE

USB-C
The USB-C advantage

Power, Charge and Sync with just a single cable

Too good to be true? No. The reality of being able to connect your laptop and power it with a single cable has arrived thanks to USB-C.
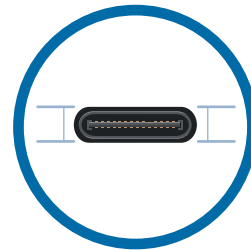
SMART
Transfer data at up to 10 Gbps, which is 2X faster than USB 3.0 and 20X faster than USB 2.0. It's also reversible, so there's no up or down orientation and no wrong way to plug it in.

SAFE
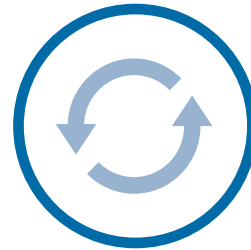Supports power up to 100W so you can charge laptops, printers, hard drives and monitors as well as tablets and smartphones.
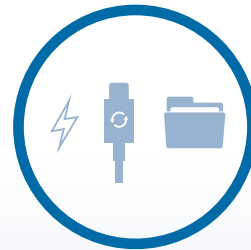
SIMPLE
Just one cable reduces cord clutter and can allow you to charge, transfer data at incredibly high speeds, sync photos and music, and deliver 4K video in Ultra HD.

• 2.4mm Thin

• Reversible Orientation

• 1 Cable to Power, Sync, Charge, and Transfer Data

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USB-C
Explained

USB-C is the new generation of USB. Just like Apple's lightning port, USB-C ports accept cables no matter the orientation in which they are inserted. USB-C also transfers more data, more quickly than standard USB-A ports. Some ports can even be used to power and charge devices. USB-C ports are also much thinner than their predecessors, measuring just 2.4mm thin.

It's easy to understand why computer hardware manufacturers are replacing multiple USB-A ports with a single USB-C ports.

The latest 2in1 hybrid devices already feature USB-C ports in place of second or third USB-A ports whilst the 2015 MacBook sports just a single USB-C port.

Devices
Supporting USB-C Power Delivery[1]

Brand	Device	Device Type	Port Type
Apple	MK4N2xx/A	2015 & 2016 Macbook models	USB-C
Dell	XPS	XPS 12" 13" & 15" models	Thunderbolt 3
Dell	Venue 10 Pro	New Venue 10 Pro & Venue 8 Pro	USB-C
Google	Chromebook Pixel	Google Chromebook Pixel	USB-C
HP	HP Elite x2 1012	G1 Tablet with Travel Keyboard (ENERGY STAR)	USB-C
HP	HP EliteBook Folio	G1 Notebook PC	USB-C
HP	HP EliteBook Folio	G1 Notebook PC - Customisable	USB-C
HP	HP Zbook Studio	G3 Mobile Workstation (ENERGY STAR)	Thunderbolt 3
HP	Spectre x2	Multiple Models	USB-C
Lenovo	ThinkPad X1 Tablet	ThinkPad X1 Tablet	USB-C
Samsung	SM-W700NZKAXAR	Galaxy TabPro S 12"	USB-C

[1]Correct May 2016. Not exhaustive.

USB-C
Convenience

USB-C connectors allow for the transfer of video, data and power. The cable connector is reversible, meaning it can be inserted in either orientation, similar to Apple's Lightning connector. This eliminates the frustration of inserting the cable upside down.

USB-C has the capability to combine power, video and data in one, 2.4mm thin connector.

USB feature evolution:

| Data Transfer | Reversible |
| Low Power | High Power |

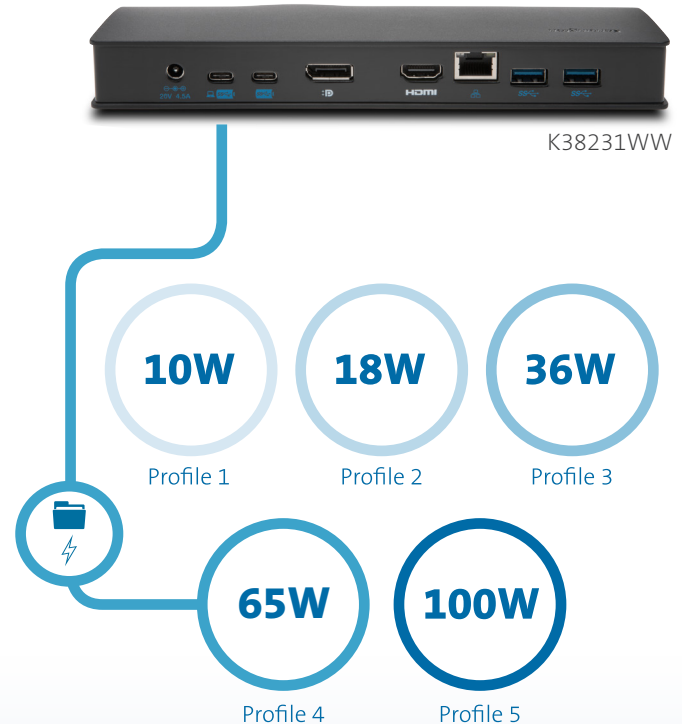| USB - B	Display Port	USB - A	Power	Micro USB	USB - C
10.4 mm	4.7 mm	4.5 mm	4.0 mm	1.8mm	2.4 mm

K38231WW

Power & Charge with USB-C
SD4600P Dock with Power Delivery

Not all USB-C ports are configured to receive power, or even the same amount of power. There are 5 different power profiles, each delivering a different amount of power.

The right profile your USB-C device dictated by your device and can not be adjusted.

The SD4600P universal dock delivers power at profile 4, making it suitable for use with 65W Ultrabooks.

10W
Profile 1

18W
Profile 2

36W
Profile 3

65W
Profile 4

100W
Profile 5

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Super-size Productivity
Save 2.5 hours a day

Research has proven that larger monitors and second screens help workers get more work done in less time. The University of Utah have shown that using a larger monitor can save 2.5 hours during an 8 hour day.

Workers upgrading to a 24" monitor from an 18" monitor can complete tasks 52% faster!

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IT Pros Leading the Charge
Expanding digital workspaces

According to our own studies[1], larger screen sizes are now the norm with 50% of workers using a 20" or larger monitor thanks to 63% of IT Pros[2] proactively driving the deployment of multi-screening throughout their organisations.
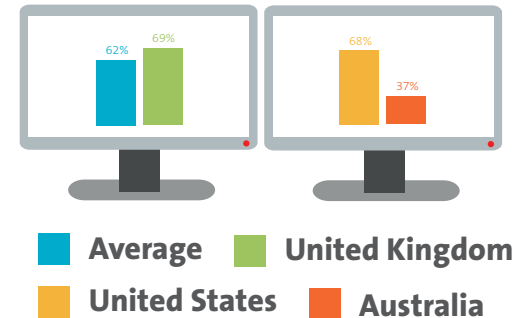
Organisations implementing Multi-Screening / Monitors / Displays for productivity gains[2].

62% 69% 68% 37%

■ **Average** ■ **United Kingdom**
■ **United States** ■ **Australia**

Top sources for promoting implementation of Multi-Screening / Monitors / Displays for productivity gains.

	Employees / End-users	Executives / Management	IT	Other	Don't Know
Multi-screening / monitors / displays (base = 156)	54%	33%	63%	3%	3%

[1] Kensington Productively Report 2015   [2] Kensington Voice of IT Report 2016

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Zero Footprint Docking
Clutter free workspaces

Workspace is precious and now there's no need to sacrifice desk space when upgrading monitors.

Kensington zero footprint docks elevate productivity by mounting behind the monitor to unlock valuable desk space.

Zero footprint docks mount with VESA bracket K33959WW

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Multi-position VESA Mount
The solution that works around you

Universal mount can be used with any VESA 75 or 100 monitor mount.
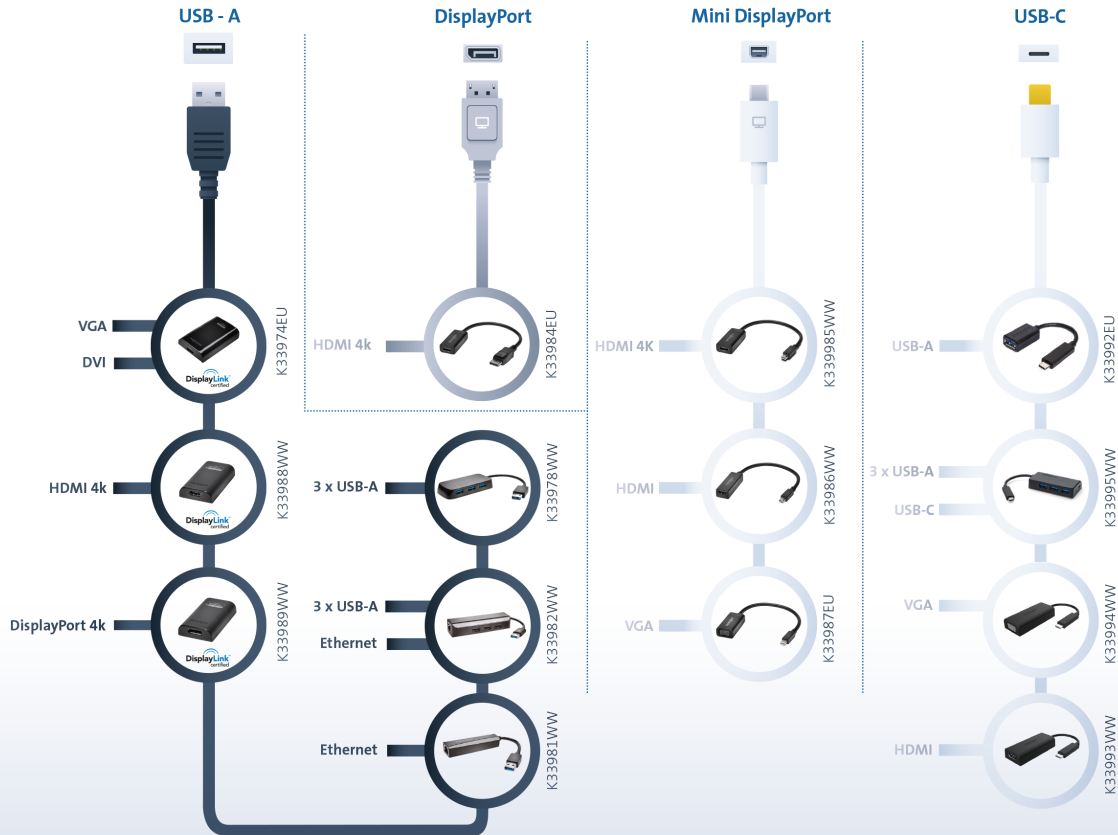
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USB-C Docks

Product Name	SD4600p Type-C Dock w/PD	SD4500 Type-C Dock	SD1500 Mobile USB C Dock
SKU Number	K38231	K38230	K33969WW
Operating System Supported	SD4600P	–	–
Plug & Play	K38231WW	–	–
Upstream USB Port	Windows 10, 8.1; Mac OS X 10.10 and later; Chrome OS	1	–
PC Host Power Delivery	Yes (for Windows, Chrome)	1	–
VIDEO SUPPORT			
Video Technology	USB-C Alt Mode	USB-C Alt Mode	USB-C Alt Mode
Maximum # of Monitors	2 with laptops supporting MST	2 with laptops supporting MST	1
Maximum Resolution	4096x2160 (4K@60Hz) 1 monitor 2560x1600 (2K@60Hz) 2 monitors	4096x2160 (4K@60Hz) 1 monitor 2560x1600 (2K@60Hz) 2 monitors	3840x2160 (4K@30Hz) HDMI 2048x1152 (2K@60Hz) VGA
VIDEO PORTS			
- DisplayPort	1	–	N/A
- HDMI	1	1 (Charging up to 15W)	1
- DVI	N/A		N/A
- VGA	N/A	1	1
AUDIO SUPPORT			
3.5mm Mic and Speaker Jacks	Yes	Yes	No
USB PORTS			
3.0 Front	1 (2.1A Charging)	1 (2.1A Charging)	Yes
3.0 Back	2	2	N/A
2.0 Back	N/A	N/A	N/A
USB-C Port	1 (Charging up to 15W)	1 (Charging up to 15W)	N/A
OTHER			
Gigabit Ethernet	1	1	1
Kensington Security Slot	Yes	Yes	No
VESA Mount Compatible	Yes	Yes	No
Thunderbolt 3 Compatible	Yes	Yes	Yes
Cable Included Length	0.5M	0.5M	90mm
Warranty	3-Years	3-Years	2-Years
Dimensions	217 x 95 x 26 mm	217 x 95 x 26 mm	121 x 74 x 16 mm

Video Adapter & Hub Selection Guide

USB - A	DisplayPort	Mini DisplayPort	USB-C

USB - A

VGA
DVI
K33974EU

HDMI 4k
K33988WW

DisplayPort 4k
K33989WW

Ethernet
K33981WW

DisplayPort

HDMI 4k
K33984EU

3 x USB-A
K33978WW

3 x USB-A
Ethernet
K33982WW

Mini DisplayPort

HDMI 4K
K33985WW

HDMI
K33986WW

VGA
K33987EU

USB-C

USB-A
K33992EU

3 x USB-A
USB-C
K33995WW

VGA
K33994WW

HDMI
K33993WW

Contact us

We can help you equip your workspace to enhance productivity, security and wellbeing.

Contact us for advice, samples and special pricing. We'll be happy to help.

Secure multiple devices and USB peripherals
K64615EU

Extended Monitor Arm
K60904US

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