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Data Sheet

Dual-Monitor USB-C Multiport Adapter - 2 x 4K DP - 100W PD 3.0

Product ID: DK30C2DAGPD



This USB-C multiport adapter turns your Windows® laptop into a portable workstation. The USB-C to dual DisplayPort adapter connects your USB-C laptop to two DisplayPort monitors, letting you power through work faster or make presentations with different views on two displays. It gives you two USB-A ports, a Gigabit Ethernet port, a DP Alt Mode Switch, and laptop charging.

Laptop Charging with PD 3.0

Through 100W Power Delivery 3.0, the USB Type-C to DisplayPort adapter powers itself as well as your laptop and any attached peripherals, with up to 85W laptop charging when connected to a USB-C power adapter. PD 3.0 features Fast Role Swap to prevent USB data disruption when you unplug the power adapter to switch power sources (USB-C power adapter to bus power).

Connect to Dual DP Monitors with Flexible Resolution Options

The USB-C video adapter extends your laptop screen to dual DisplayPort displays. Using the DP Alt Mode switch, you can choose between higher display resolution or faster USB speed to meet your needs, for desktop or portable use. Choose between: dual 4K30 (or single 4K60) resolution with USB 2.0 speed, or dual 1080p (or single 4K30) resolution with USB 3.0 speed.

The maximum Ethernet speed is 1000 Mbps in USB 3.0 mode, and 100 Mbps in USB 2.0 mode.

Connect USB Devices

The USB-C hub with DisplayPort gives you two USB-A ports (one USB 3.0/USB 2.0, and one USB 2.0).

Reliable Network Connectivity

The GbE port ensures reliable network access. A 1 m USB-C cable is included for set-up flexibility.

DK30C2DAGPD is backed by a StarTech.com 3-year warranty and free lifetime technical support.

Note: To ensure full adapter functionality, your laptop's USB-C port must support USB Power Delivery and DP Alt Mode.

Certifications, Reports and Compatibility











Applications

- Boardroom presentations, with two display outputs
- Create a two-monitor workstation, cost-effectively

Features

- Portable USB-C multiport adapter with flexible DisplayPort dual-monitor or single-monitor video outputs: dual 4K 30Hz, dual 2K 60Hz or single 4K60Hz
- Power both the adapter and your laptop with 100W Power Delivery 3.0 (85W laptop charging) using a USB Type-C™ power adapter
- Connect your devices with 2x USB-A ports - 1x USB 3.0/2.0 and 1x USB 2.0
- Add wired network connectivity with the Gigabit Ethernet RJ45 port
- User-controlled display resolutions and USB speeds with easy-to-use DP Alt Mode switch

	Warranty	3 Years
Hardware	4K Support	Yes
	Bus Type	USB-C
	Chipset ID	VIA/VLI - VL102 VIA/VLI - VL170 VIA/VLI - VL817 MegaChips - STDP4320 RealTek - RTL8153
	Displays Supported	2
	Fast-Charge Port(s)	No
	Industry Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab USB 3.0 - Backward compatible with USB 2.0 and 1.1
Performance	Auto MDIX	Yes
	Full Duplex Support	Yes
	Maximum Data Transfer Rate	5 Gbps (USB 3.0) 2 Gbps (Ethernet; Full-Duplex)
	Maximum Digital Resolutions	Dual DisplayPort displays: Up to 4096 x 2160p @ 24Hz or 3840 x 2160p @ 30Hz Single DisplayPort display: Up to 4096 x 2160p @ 60Hz or 3840 x 2160p @ 60Hz Single UltraWide DisplayPort display - Up to 3440 x 1440p @ 60 Hz Lower resolutions are also supported. For example, if the max is 3840 x 2160p (4K), it also supports 2560 x 1600p and 2560 x 1440p.
	Type and Rate	USB 3.0 - 5 Gbit/s
	UASP Support	Yes
Connector(s)	Connector Type(s)	1 - USB Type-C (24 pin) USB 3.0 (5Gbps) Male 1 - USB-C (24 pin) USB Power Delivery only Female 2 - DisplayPort (20 pin) Female 1 - RJ-45 Female 1 - USB Type-A (9 pin) USB 3.0 Female 1 - USB Type-A (4 pin) USB 2.0 Female
Software	OS Compatibility	Windows® 7, 8, 8.1, 10
Special Notes / Requirements	**Note**	For a dual-monitor configuration the host laptop must support MST.

		Not all USB-C ports support the full functionality of the USB Type-C standard. Ensure that your host USB-C port supports USB Power Delivery 2.0 or 3.0 and DP alt mode. The adapter can connect to a host laptop's USB-C port that doesn't support USB Power Delivery 2.0 or 3.0. However, in this configuration if a power adapter is connected to the multifunction adapter, it will not pass power through to your host laptop. The multiport adapter provides limited Chrome support (no MST support; Ethernet only when using bus power). The multiport adapter provides limited Android support (no MST support). A 4K-capable display is required to achieve 3840 x 2160p resolution (4K is also known as 4K x 2K) Video output capabilities are dependent on the video card and hardware specification of your connected laptop. USB 3.0 is also known as USB 3.1 Gen 1; this connectivity standard offers speeds up to 5Gbps. Your laptop may have specific requirements for charging. This USB-C multiport adapter supports USB Power Delivery 3.0, up to 100W. When using your laptop's USB-C power adapter, the multiport adapter powers both the adapter (with attached peripherals) and your laptop - with up to 85W charging available for laptop charging. For more information on your laptop's charging requirements, refer to the manufacturer of your laptop. Through support of USB Power Delivery 3.0, the multiport adapter supports Fast Role Swap which prevents USB data disruption when you unplug to switch power sources (USB-C power adapter to bus power). In USB 3.0 mode, the maximum Ethernet speed is 1000 Mbps. In USB 2.0 mode, the maximum Ethernet speed is 100 Mbps.
	System and Cable Requirements	A host laptop with an available USB-C port (to ensure full adapter functionality, the host USB-C port must support USB Power Delivery 2.0 or PD 3.0 and DP alt mode) Optional: USB-C power adapter (for example, your laptop's USB-C based power adapter)
Power	Laptop Charging via Power Delivery	85W
	Power Consumption (In Watts)	15W
	Power Delivery	100W
	Power Source	Bus Powered and Host USB-C Power Adapter

Environmental	Humidity	0~95% RH (Non-condensing)
	Operating Temperature	0°C to 50°C (32°F to 122°F)
	Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Physical Characteristics	Color	Black
	Enclosure Type	Plastic
	Product Height	0.7 in [1.9 cm]
	Product Length	4.7 in [12 cm]
	Product Width	2.4 in [60 mm]
	Weight of Product	7.1 oz [200 g]
Packaging Information	Package Height	1.7 in [42 mm]
	Package Length	8.2 in [20.8 cm]
	Package Width	5.7 in [14.5 cm]
	Shipping (Package) Weight	7.8 oz [220 g]
What's in the Box	Included in Package	1 - Multiport Adapter
		1 - USB-C Cable
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.