



IB-DK4012-CPD

9-in-1 mobile DockingStation

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Introducing the cost-effective **ICY BOX®** DockingStation: a blend of top-quality and efficiency. With select ports tailored for precision, this DockingStation offers dual HDMI® outputs for an enhanced viewing experience at 4K@30 Hz and 2K@60 Hz. The DisplayPort™ Alternate Mode ensures direct graphics signal continuity for peak performance. Integrated card readers, SD 3.0 and microSD 3.0, promise swift data transfers. Its USB Type-C® versatility seamlessly connects a range of devices.



Host

Supports USB Type-C®,
USB PD 3.0 Type-C®
up to 100 W (pass-through)



Multiple display

2x HDMI® supports
1x 4K@60 Hz or
2x 2K@60 Hz



USB interfaces

2x USB 3.2 Gen 1 Type-A
1x USB 2.0 Type-A



Data transfer

USB 3.2 Gen 1 up to 5 Gbit/s
USB 2.0 up to 480 Mbit/s



Memory cards

SD/microSD 3.0
card readers

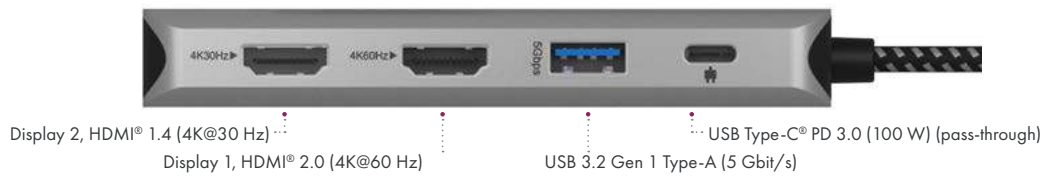


LAN Port

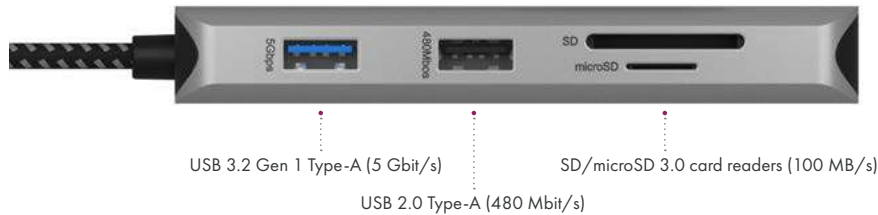
RJ45 Gigabit Ethernet

VIEWS

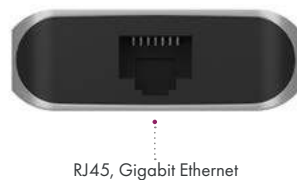
FRONT VIEW



REAR VIEW



SIDE VIEW



KEY FEATURES



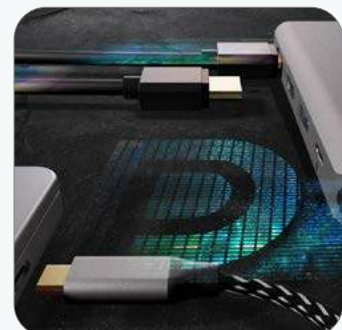
Double the displays – double the efficiency

Multitasking made easy: with a combination of two monitors, you can keep better track of details. Thanks to dual HDMI® interfaces, using multiple monitors is easier than ever, as long as your host computer supports the necessary technology. Take advantage of dual video output and work effortlessly on multiple tasks at the same time!



Stunning visuals at your fingertips

When clarity matters, count on precision. Offering dual video outputs at 4K@30 Hz and 2K@60 Hz, every detail stands out, every color pops, and every moment is crystal clear, setting the standard for premium visual fidelity.



Seamless Visuals with DisplayPort™ Alternate Mode

In the realm of digital displays, DisplayPort™ Alternate Mode via Type-C® stands unparalleled. This cutting-edge connection ensures an uninterrupted, pure, and superior visual journey. From every frame to each intricate scene, every graphic signal is transmitted with immaculate precision.

PACKING CONTENT

- ▶ 1x IB-DK4012-CPD
- ▶ 1x Manual

PRODUCT FEATURES

Colour	Material	UASP support	Cable length	Cooling	Video technology	Power supply
Anthracite/black	Aluminium/plastic (ABS)	Yes	15 cm (integrated)	Passive	DisplayPort™ Alt Mode	USB-powered

VIDEO CONNECTION AND DISPLAY OUTPUT MATRIX

Video matrix design (host PC = USB Type-C® DP Alt Mode, DP 1.2), maximum resolutions (Windows®)

Number of displays	Input (plug-in)		Output	
	HDMI® 1	HDMI® 2	HDMI® 1	HDMI® 2
Dual video output	✓	✓	1920x1080@60 Hz	1920x1080@60 Hz
Single video output	✓		3840x2160@30 Hz	
		✓		3840x2160@30 Hz

Video matrix design (host PC = USB Type-C® DP Alt Mode, DP 1.4, DSC), maximum resolutions (Windows®)

Number of displays	Input (plug-in)		Output	
	HDMI® 1	HDMI® 2	HDMI® 1	HDMI® 2
Dual video output	✓	✓	3840x2160@30 Hz	1920x1080@60 Hz
Single video output	✓		3840x2160@60 Hz	
		✓		3840x2160@30 Hz

Video matrix design (host PC = USB Type-C® DP Alt Mode), maximum resolutions (macOS®)

Number of displays	Input (plug-in)		Output	
	HDMI® 1	HDMI® 2	HDMI® 1	HDMI® 2
Dual video output	✓	✓	3840x2160@30 Hz only mirrored (SST)	
Single video output	✓		3840x2160@60 Hz	
		✓		3840x2160@30 Hz

SYSTEM REQUIREMENTS

Supported Operating Systems	Host compatibility
Windows®/macOS®/Chrome OS™	Compatible with Thunderbolt™ 3/4/USB4® USB Type-C® equipped computers Support of DisplayPort™ Alt Mode and Power Delivery required! Supports MST (Multi Stream Protocol) for Windows® bases computers Only supports SST (Single Stream Protocol) for macOS® based computers Multi-LUN card readers: allow the use of two cards simultaneously No power supply included (only necessary for Power Delivery)

INTERFACE TO HOST COMPUTER

Port	Position	Version & transfer rate	Features
USB Type-C®	Side (integrated cable)	USB 3.2 Gen 2 (10 Gbit/s)	Supports PD 3.0, 5 V/9 V/15 V/20 V Charging power max. 100 watts (pass-through) with data transfer

USB CONNECTIONS

Port	Position	Version & transfer rate	Voltage	Amperage	Wattage
1x USB Type-A	Front side	USB 3.2 Gen 1 (5 Gbit/s)	5 V	900 mA	4.5 watts
1x USB Type-A	Rear side	USB 3.2 Gen 1 (5 Gbit/s)	5 V	900 mA	4.5 watts
1x USB Type-A	Rear side	USB 2.0 (480 Mbit/s)	5 V	500 mA	2.5 watts

FURTHER IN-/OUTPUTS

Port	Position	Version & transfer rate
USB Type-C® Power Delivery	Front side	PD 3.0 up to 100 watts (pass-through)
microSD card reader	Rear side	microSD 3.0 (100 MB/s)
SD card reader	Rear side	SD 3.0 (100 MB/s)
RJ45	Side	10/100/1000 BASE-T Gigabit Ethernet

NEW USB NOMENCLATURE

Legacy USB standards	Current USB standards	Data transfer rate
USB 3.0 = USB 3.1 (Gen 1)	= USB 3.2 Gen 1	= 5 Gbit/s
USB 3.1 = USB 3.1 (Gen 2)	= USB 3.2 Gen 2	= 10 Gbit/s
USB 3.2 (Gen 2x2)	= USB 3.2 Gen 2x2	= 20 Gbit/s
–	= USB4® Gen 3x2	= 40 Gbit/s

LOGISTICAL DATA

Packing unit	Total weight	Gross weight (with packing)	Net weight	Dimension/ carton	Dimension (with packing)	Dimension of article	Country of origine
60/carton	10.120 kg	0.157 kg	0.094 kg	340x445x280 mm	25x100x200 mm	48x115x17 mm	China

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