


IB-DK2280AC
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DisplayLink® Hybrid DockingStation with four video outputs

With the addition of extra monitors, this DockingStation gives your productivity even more room. This unique monitor configuration is made possible by the optimal utilization of the graphics card performance of the connected computer or notebook. Thus, the IB-DK2280AC from ICY BOX expands your workspace by up to four monitors with brilliant 4K@60 Hz resolution via multi-stream transport (MST) via DisplayPort™ Alt Mode and additionally the DisplayLink® technology.


Host

 Supports USB Type-C®
and USB Type-A

Multiple display

 HDMI® and DisplayPort™
support up to 4x 4K@60 Hz

USB interfaces

 5x USB 3.2 Gen 1 Type-A
1x USB 3.2 Gen 2 Type-C®

Data transfer

 USB 3.2 Gen 1 up to 5 Gbit/s
USB 3.2 Gen 2 up to 10 Gbit/s

Headset

3.5 mm combo jack


LAN port

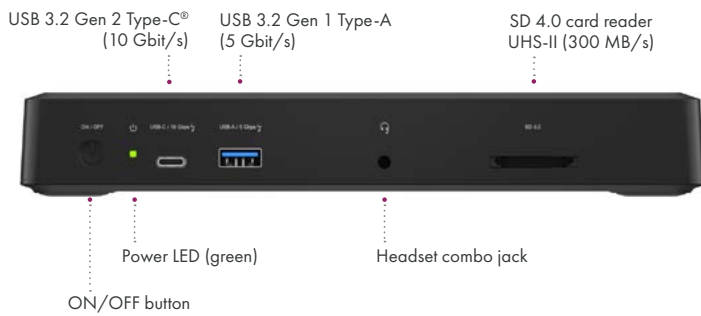
RJ 45 2.5 Gigabit Ethernet


Memory cards

SD 4.0

VIEWS

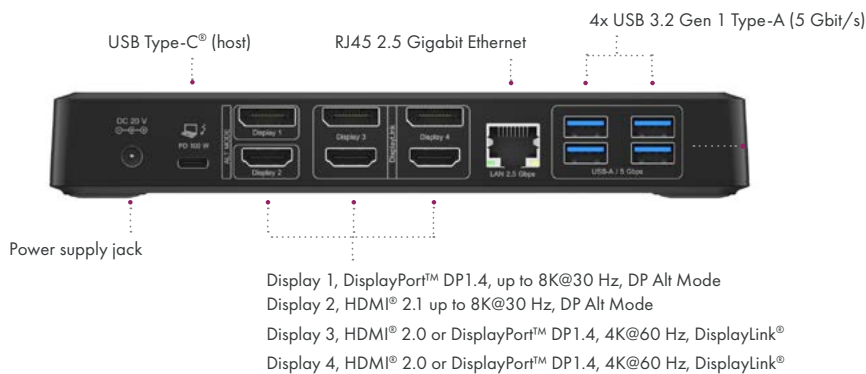
FRONT VIEW



SIDE VIEW



REAR VIEW



KEY FEATURES



Always well connected

As a multi-port DockingStation, the IB-DK2280AC features five USB 3.2 Gen 1 ports with data transfer rates of up to 5 Gbit/s and a new USB Type-C® port with up to 10 Gbit/s. This allows you to connect a variety of even older devices and ensure that your hardware always stays connected.



Prepared for all challenges

The integrated SD 4.0 card reader and additional USB ports let you exchange files quickly in between devices. USB-C Power Delivery with up to 100 W, a 2.5 Gbit Ethernet port, and a 3.5 mm audio input and output add and expand the capabilities of your computer with the ports you really need.



Cross-system compatibility

The full quad-display experience is available with Windows® 10 or Chrome OS™ 100 or later. Only macOS® does not support DisplayPort™ MST. Nevertheless, the IB-DK2280AC allows you to connect up to three additional displays to your iMac or MacBook.

PACKING CONTENT

- ▶ 1x IB-DK2280AC
- ▶ 1x External power supply
- ▶ 1x Power cable (EU)

- ▶ 1x USB Type-C® to Type-C®/Type-A (adapter) cable
- ▶ 1x Manual

PRODUCT FEATURES

Colour	Material	UASP support	ON/OFF button	Cable length	LED	Cooling	Video technology	Power supply
Black	Plastic (ABS)	Yes	Yes	100 cm	Power	Passive	DisplayLink® and DP Alt Mode	External power supply (EU) AC 100-240 V; 50/60 Hz; DC 20 V/6.75 A; 135 W

VIDEO CONNECTION AND DISPLAY OUTPUT MATRIX

Number of displays	INPUT (PLUG-IN)				OUTPUT			
	DP 1 (DP Alt Mode)	HDMI® 2 (DP Alt Mode)	HDMI®/DP 3 (DisplayLink®)	HDMI®/DP 4 (DisplayLink®)	Display 1	Display 2	Display 3	Display 4
Video matrix design (Host PC = USB Type-C® DP Alt Mode + DisplayLink®, DP 1.4 HBR3, DSC**), maximum resolutions								
Quadruple video output	✓ *	✓ *	✓	✓	3840x2160 @60 Hz	3840x2160 @60 Hz	3840x2160 @60 Hz	3840x2160 @60 Hz
Triple video output (e.g.***)	✓ *	✓ *	✓		3840x2160 @60 Hz	3840x2160 @60 Hz	3840x2160 @60 Hz	
Dual video output (e.g.***)	✓ *	✓ *			3840x2160 @60 Hz	3840x2160 @60 Hz		
		✓		✓		7680x4320 @30 Hz		3840x2160 @60 Hz
		✓	2x DP			7680x4320 @30 Hz	5120x2880@60 Hz (only DP)	
Single video output	✓				7680x4320 @30 Hz			
		✓				7680x4320 @30 Hz		
			✓				3840x2160 @60 Hz	
				✓				3840x2160 @60 Hz
			2x DP				5120x2880@60 Hz (only DP)	
Video matrix design (Host PC = USB 3.2 Gen 1 + DisplayLink® driver, only Display 3 and Display 4), maximum resolutions								
Dual video output			✓	✓			3840x2160 @60 Hz	3840x2160 @60 Hz
Single video output			2x DP				5120x2880@60 Hz (only DP)	
			✓				3840x2160 @60 Hz	
				✓				3840x2160 @60 Hz

Note:

* macOS® based computers only support SST (Single Stream Protocol), so the video output on the displays are the same.

** DSC (Display Stream Compression) support necessary

*** Other combinations are possible

INTERFACE TO HOST COMPUTER

Port	Position	Version & transfer rate	Features
USB Type-C® to USB Type-C® / Type-A	Rear side	USB 3.2 Gen 2 (10 Gbit/s)	Supports PD 3.0, 5 V/9 V/15 V/20 V Charging power max. 100 W; data transfer

USB CONNECTIONS

Port	Position	Version & Transfer rate	Voltage	Amperage	Wattage
1x USB Type-C®	Front side	USB 3.2 Gen 2 (10 Gbit/s)	5 V	1.5 A	7.5 watts
1x USB Type-A	Front side	USB 3.2 Gen 1 (5 Gbit/s)	5 V	2.4 A	12 watts
4x USB Type-A	Rear side	USB 3.2 Gen 1 (5 Gbit/s)	5 V	900 mA	4.5 watts

FURTHER IN-/OUTPUTS

Port	Position	Version & Transfer rate
SD card slot	Front side	SD 4.0 (300 MB/s)
Audio in/out	Front side	3.5 mm TRRS headset combo jack
RJ45	Rear side	10/100/1000/2500 BASE-T Gigabit Ethernet

SECURITY

Kensington Security Slot™
Kensington Nano Security Slot™

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

SYSTEM REQUIREMENTS

Supported Operating Systems / Host compatibility

OS: Windows®/macOS®/Chrome OS™/Ubuntu (Linux),
with installed DisplayLink® driver

Host: USB Type-A, USB Type-C®, Thunderbolt™ 3/4 Type-C®;
Power Delivery and DP Alt Mode function (Display 1 and 2)
only via Type-C® host computer with Power Delivery and DP
Alt Mode support

LOGISTICAL DATA

Packing unit	Total weight	Gross weight (with packing)	Net weight	Dimension/ carton	Dimension (with packing)	Dimension of article	Country of origin
5 Stick/Karton	8.46 kg	1.3 kg	0.49 kg	300x300x280 mm	93x279x118 mm	90x218x31 mm	Taiwan

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