

IB-DK2880-C41

USB4® Type-C® DockingStation with dual video output

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Experience elegance, functionality, and power in one single device. Its modern design and a case made from high-quality aluminium make the IB-DK2880-C41 not only a technical masterpiece, but also an eye-catcher. With its ten high-performance ports, this DockingStation offers a whole new world of connectivity to all of your favourite gadgets as well as up to two additional 8K displays. Simply plug in and benefit from super-fast data transfer, ultra-fast charging, and powerful connections.

Host
Supports USB4® Type-C ®
Power Delivery up to 100 watts

Multiple display
2x Ultra High-Speed HDMI®
support up to 8K@60 Hz

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

Card readers
SD/microSD 4.0
multi-LUN

Data transfer
USB 3.2 Gen 2 up to 10 Gbit/s

Headset
3.5 mm combo jack

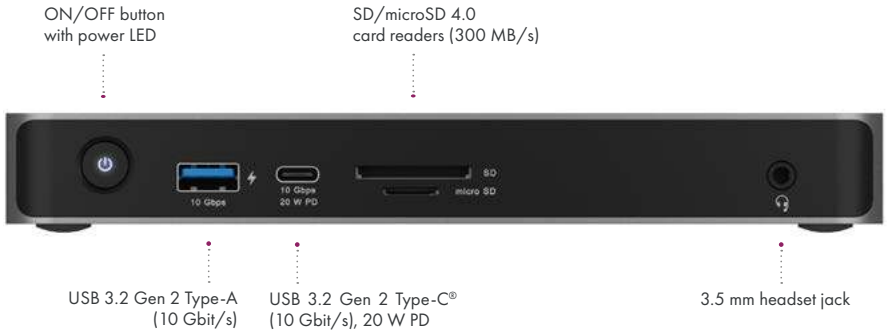
LAN Port
2.5 Gigabit Ethernet RJ 45

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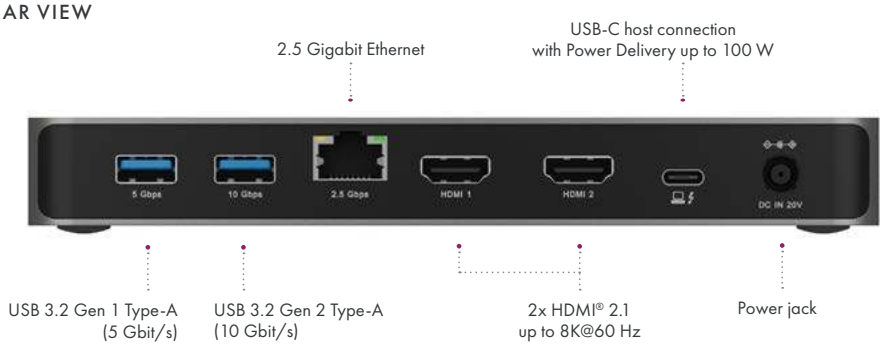
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VIEWS

FRONT VIEW



REAR VIEW



SIDE VIEW



KEY FEATURES



Brilliant 8K resolution

With the exceedingly fast transfer rates of USB4® and HDMI® 2.1 the DockingStation allows for resolutions of up to 8K on supported devices and displays. Improve your work and creative tasks with a new level of detail and experience entertainment with brilliant graphics.



Up to two additional monitors

The powerful performance of the DockingStation allows you to excel from the highly performative resolution of 8K on up to two additional displays. Enjoy an exceptional extension of your workspace and benefit from improved productivity in creative and professional tasks.



Charge faster with 100 W

With endurance in mind, the DockingStation supports wired charging with up to 100 watts via USB Power Delivery. Simply connect the 170 watts power supply unit supplied to the IB-DK2880-C41 and keep the attached notebook charged through the USB Type-C® port and pass-through technology.

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PACKING CONTENT

- 1x IB-DK2880-C41
- 1x USB Type-C® to Type-C® cable
- 1x External power supply
- 1x Power cable (EU)
- 1x Manual

PRODUCT FEATURES

Colour	Material	ON/OFF button	UASP support	Video technology	Cable length	LED	Cooling	Power supply
Anthracite/ black	Aluminium plastic (ABS)	Yes	Yes	USB4®, DisplayPort™ Alt Mode	100 cm	Power	Passive	Wall power supply (EU) AC 100-240 V; 50/60 Hz; DC 20 V/8.5 A; 170 W

VIDEO CONNECTION AND DISPLAY OUTPUT MATRIX

	INPUTS (PLUG-IN)		OUTPUT	
Number of displays	**HDMI® 1**	**HDMI® 2**	**Display 1**	**Display 2**
Video matrix design (Host PC = Windows Alternate Mode systems (HBR2), maximum resolutions				
Dual video output	✓	✓	1920x1080@60 Hz	1920x1080@60 Hz
Single video output	✓		3840x2160@30 Hz	
		✓		3840x2160@30 Hz
Video matrix design (Host PC = Windows Alternate Mode systems (HBR3), maximum resolutions				
Dual video output	✓	✓	2560x1440@60 Hz	2560x1440@60 Hz
Single video output	✓		3840x2160@60 Hz	
		✓		3840x2160@60 Hz
Video matrix design (Host PC = Windows Alternate Mode systems (HBR3 with DSC), maximum resolutions**				
Dual video output	✓	✓	3840x2160@60 Hz	3840x2160@60 Hz
Single video output	✓		7680x4320@30 Hz	
		✓		7680x4320@30 Hz
Video matrix design (Host PC = Windows Thunderbolt™ 3 systems (HBR3), maximum resolutions				
Dual video output	✓	✓	2560x1440@60 Hz	2560x1440@60 Hz
Single video output	✓		3840x2160@60 Hz	
		✓		3840x2160@60 Hz
Video matrix design (Host PC = Windows Thunderbolt™ 3 systems (HBR 3 with DSC), maximum resolutions**				
Dual video output	✓	✓	3840x2160@60 Hz	3840x2160@60 Hz
Single video output	✓		7680x4320@30 Hz	
		✓		7680x4320@30 Hz

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VIDEO CONNECTION AND DISPLAY OUTPUT MATRIX

	INPUTS (PLUG-IN)		OUTPUT	
Number of displays	HDMI® 1	HDMI® 2	Display 1	Display 2
Video matrix design (Host PC = Windows USB4® systems (HBR3), maximum resolutions				
Dual video output	✓	✓	3840x2160@60 Hz	3840x2160@60 Hz
Single video output	✓		3840x2160@60 Hz	
		✓		3840x2160@30 Hz
Video matrix design (Host PC = Windows USB4® systems (HBR3 with DSC), maximum resolutions**				
Dual video output	✓	✓	7680x4320@30 Hz	7680x4320@30 Hz
Single video output	✓		7680x4320@60 Hz	
		✓		7680x4320@60 Hz
Video matrix design (Host PC = Mac* Non-USB4® systems (HBR2), maximum resolutions				
Dual video output	✓	✓	3840x2160@30 Hz	3840x2160@30 Hz
Single video output	✓		3840x2160@30 Hz	
		✓		3840x2160@30 Hz
Video matrix design (Host PC = Mac* Non-USB4® systems (HBR3), maximum resolutions				
Dual video output	✓	✓	3840x2160@60 Hz	3840x2160@60 Hz
Single video output	✓		3840x2160@60 Hz	
		✓		3840x2160@60 Hz
Video matrix design (Host PC = Mac* USB4® systems (≥ M1 chip), maximum resolutions				
Dual video output	✓	✓	6010x3384@60 Hz nur gespiegelt (SST)	
Single video output	✓		6010x3384@60 Hz	
		✓		6010x3384@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

SYSTEM REQUIREMENTS

Supported Operating Systems	Host compatibility
Wide compatibility with various operating systems and devices	Host computer with Thunderbolt™ 4, Thunderbolt™ 3, USB4® or USB Type-C® interface; DisplayPort™ Alt Mode and Power Delivery support required; Thunderbolt™ 4, USB4® is required to achieve 8K resolutions; Also supports other USB 3.2 host computers and monitors/displays with a lower resolution; Plug & Play, no driver installation required

INTERFACE TO HOST CONNECTION

Port	Position	Version & transfer rate	Features
USB4® Type-C®	Rear side	USB4® (40 Gbit/s)	Supports PD 3.0; 5 V / 9 V / 15 V / 20 V Charging power max. 100 watts; data transfer

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USB CONNECTIONS

Port	Position	Version & transfer rate	Voltage	Amperage	Wattage
1x USB Type-A	Front side	USB 3.2 Gen 2 (10 Gbit/s)	5 V	900 mA	4.5 watts
1x USB Type-C®	Front side	USB 3.2 Gen 2 (10 Gbit/s)	9 V	2.2 A	20 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 3.2 Gen 2 (10 Gbit/s)	5 V	900 mA	4.5 watts

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

FURTHER IN-/OUTPUTS

Port	Position	Features
1x microSD card reader	Front side	microSD 4.0 (300 MB/s)
1x SD card reader	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
Kensington Security Slot	Side	
Kensington Nano Security Slot™	Side	

LOGISTICAL DATA

Packing unit	Total weight	Gross weight (with packing)	Net weight	Dimension/ carton	Dimension with packing	Dimension of article	Country of origin
10 pcs./carton	15.88 kg	1.52 kg	0.51 kg	445x305x270 mm	145x235x85 mm	90x190x25 mm	Thailand

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