



Heart Dock 2300

7-in-1 DockingStation with dual video output and LCD display

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Model designation
IB-DK2300-CH

Ever wondered what is actually going on when you use your PC? Heart Dock 2300 gives you the answer right on its bright TFT display. It reveals details like power usage and display status that usually stay hidden, helping you understand your setup at a glance. At the same time, it expands your setup with the connections you need for work, from dual displays to fast data and reliable network access. Heart Dock 2300 is made for people who want more clarity, more control, and a workspace that simply makes sense.



Host

Supports USB 3.2
Gen 2 Type-C®



Dual display

2x HDMI® 4K@60 Hz or
1x HDMI® 4K@120 Hz



Power Delivery

2x USB-C PD up to 100 W
1x USB-A PD up to 12 W



USB ports

USB Type-A, 480 Mbps / 10 Gbps
USB Type-C®, 10 Gbps



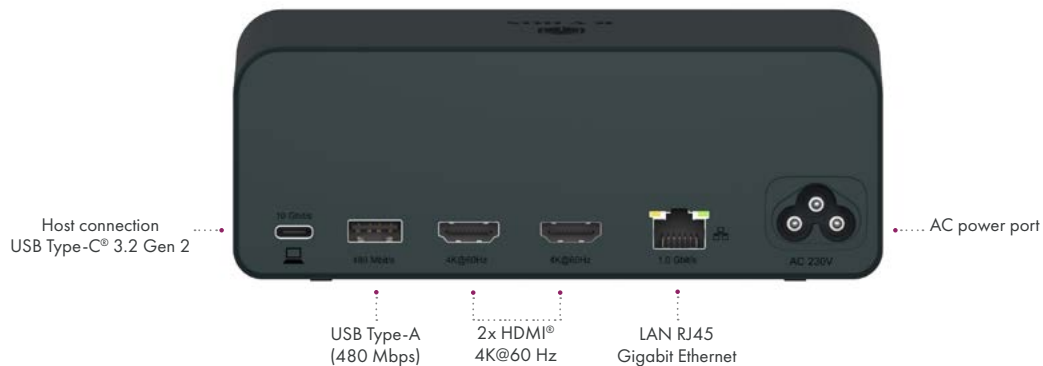
LAN Port

RJ45 Gigabit Ethernet

FRONT VIEW



REAR VIEW



KEY FEATURES



What you see is what you get

Heart Dock 2300 brings together a wide range of ports in one compact DockingStation. With dual HDMI®, multiple USB ports, Ethernet, and charging support, it covers everyday work scenarios without overcomplicating things. Each connection has a clear purpose, making it easy to build a functional workspace.



Dual 4K!

2 HDMI® ports mean up to 2 external displays. You can run dual 4K at 60 Hz or a single display at up to 4K at 120 Hz. This gives you more screen space for multitasking, presentations, or creative work.



LCD TFT: the most beautiful letters

The built-in TFT display gives you real time insight into your setup. It shows useful information such as power usage and display status, so you always know what is happening.

PACKING CONTENT

- ▶ 1x Heart Dock 2300
- ▶ 1x USB-C to -C cable, 100 cm
- ▶ 1x AC power cord
- ▶ 1x Manual

PRODUCT FEATURES

Color	Material	ON/OFF button	Cable length	LED	Video technology	Power supply
Anthracite	PC	Yes	USB-C host cable, 100 cm	Display	HDMI® 2.0	AC 230 V

INTERFACE TO HOST COMPUTER

Cable	Position	Version & transfer rate	Features
USB-C to USB C	Rear	USB 3.2 Gen 2 (10 Gbps)	Power Delivery 3.0 up to 100 watts

USB CONNECTIONS

Port	Position	Version & transfer rate
2x USB Type-C®	Front	USB 3.2 Gen 2 (10 Gbps)
1x USB Type-A	Front	USB 3.2 Gen 2 (10 Gbps)
1x USB Type-A	Rear	USB 2.0 (480 Mbps)
2x USB Type-C®	Front	Power Delivery 3.0 upstream up to 100 watts
1x USB Type-A	Front	Charging port up to 12 watts

VIDEO CONNECTION AND DISPLAY OUTPUT MATRIX

Video matrix overview, maximum resolution					
Number of monitors	Windows®	Windows®	Windows®	macOS®	macOS®
	DP 1.2/MST	DP 1.4/no DSC/MST	DP 1.4/supports DSC/MST	DP 1.2/SST	DP 1.4/SST
Single video output	4K@30 Hz	4K@60 Hz	4K@60 Hz	4K@30 Hz	4K@60 Hz
Dual video output	1080p@60 Hz	4K@60 Hz 1080p@60 Hz	4K@60 Hz	4K@30 Hz	4K@60 Hz

FURTHER IN-/OUTPUTS

Port	Position	Eigenschaften
2x HDMI®	Rear	HDMI® 2.0, max. resolution at single video output up to 4K@120 Hz
LAN RJ45 Gigabit Ethernet	Rear	10/100/1000 Mbps

SYSTEM REQUIREMENTS

Supported operating systems	Requirements and features	Video compatibility
Windows®, macOS®, ChromeOS™, Linux®	One free USB Type-C® port on your host computer	Supports two monitors via HDMI® interfaces

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 Gbps
USB 3.1 = USB 3.1 (Gen 2)	= USB 3.2 Gen 2	= 10 Gbps
USB 3.2 (Gen 2x2)	= USB 3.2 Gen 2x2	= 20 Gbps
	= USB4® Gen 2x1	= 10 Gbps
	= USB4® Gen 2x2	= 20 Gbps
	= USB4® Gen 3x2	= 40 Gbps

LOGISTICAL DATA

Packing unit	Total weight	Gross weight (with packing)	Net weight	Dimension/ carton	Dimension with packing	Dimension of article	Country of origin
12 pcs./carton	15.8 kg	1.228 kg	0.971 kg	425x390x280 mm	80x200x180 mm	77x155x65 mm	China

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