ICY BOX
IB-DK2405-C

Type-C® Notebook DockingStation with triple video output

Key features

- Data transfer, video, audio and Power Delivery via one USB Type-C® cable
- Maximum resolutions via DisplayPort™ and HDMI® with up to dual 4K@60 Hz via DP 1.4 HBR3 support
- 85 W Power Delivery to charge a Thunderbolt™ 3 or USB Type-C® notebook
- One USB Type-C® and three USB Type-A ports provide USB 3.1 (Gen 2) data transfer rates with up to 10 Gbit/s
- Gigabit Ethernet port provides secure, reliable high-speed wired networks
- Combo audio 4-pole jack provides audio headset and microphone
- Provides an ON/OFF button to save energy and save resources
- Supports security locks to protect the DockingStation
- Including an external 135 W power supply (20 V / 6.75 A)

Packing content
1x IB-DK2405-C, 1x USB Type-C® cable, 1x external power supply, 1x power cord, 1x manual

Technical data

Modell	IB-DK2405-C
Artikel Nr.	60720
EAN-Code	4250078170549
Marke	ICY BOX
Farbe	Black
Material	ABS plastic
Anschluss zum Hostcomputer	USB Type-C® DP Alt Mode
Übertragungsrate	Up to 10 Gbit/s
Ausgangsschnittstellen	2x DisplayPort™ 1.4 with up to 3840x2160@60 Hz (via DP™ 1.4 lanes)
	1x High Speed HDMI® with up to 3840x2160@60 Hz (via DP™ 1.4 lanes)
	3x USB 3.1 (Gen 2) Type-A interface, data transfer rate of up to 10 Gbit/s
	1x USB 3.1 (Gen 2) Type-C® interface, data transfer rate of up to 10 Gbit/s
	1x USB 3.0 Type-A interface, data transfer rate of up to 5 Gbit/s
	1x Gigabit LAN RJ45 with Wake-on-LAN function with data transfer rate of up to 10/100/1000 Mbit/s
	1x Combined 3.5 mm jack interface

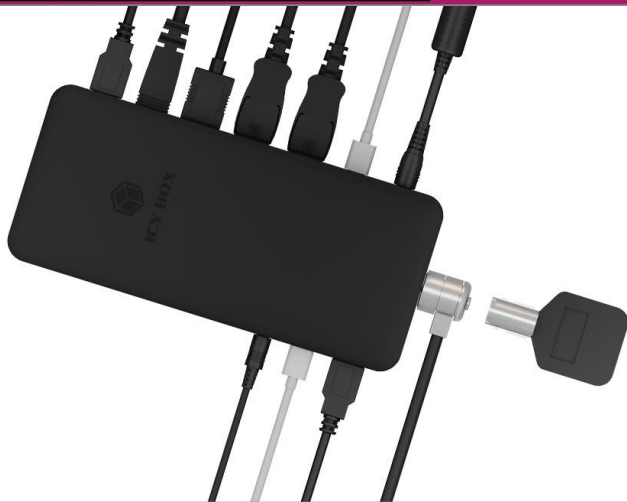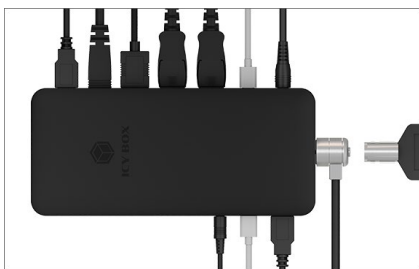|	
Power Delivery	85 W
Resolution	The indicated resolutions are maximum values, lower resolutions are also possible
	DP1.2 HBR2 = 1x 4K@30 Hz or 2x FHD@60 Hz or 3x FHD@30 Hz*
	DP1.4 HBR3 = 1x 4K@60 Hz or 2x QHD@60 Hz or 3x FHD@60 Hz*
	DP1.4 HBR3 DSC1.2 = 1x 5K@60 Hz or 2x 4K@60 Hz or 3x 4K@30 Hz*
ON/OFF button	Yes
Kensington lock support	Yes
Length of cable	95 cm
Optional accessory	DockingStation VESA mount IB-MSA105-DK
Power supply	External, AC 100-240 V / 1.8 A, 50/60 Hz, DC 20 V / 6.75 A, 135 W total output
Operating system	Windows®, macOS®

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Always efficient - even when standing!

The DockingStation has the usual high-quality workmanship and can be used both with current Windows® and macOS® operating systems. This makes the IB-DK2405-C the perfect companion for eager business people and multimedia enthusiasts who want to be prepared for a wide range of working environments.

Extending and sharing!

The IB-DK2405-C provides UHD dual 4K display. Thus, you can connect up to two 4K monitors or one 5K high-definition monitor. You can stream videos, play games, multitask and hold conferences with ease. Under DP 1.4 HBR3-DSC1.2 the DockingStation supports up to 5K (5120x2880@60 Hz) output resolution as far as the host system supports this function. Additionally it mirrors your primary screen or extends the computer desktop allowing visibility of different applications at the same time.
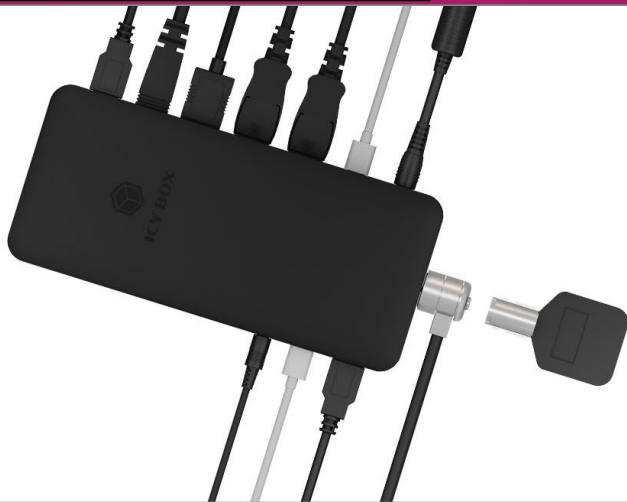

Optionally: double hold

If you are using a monitor arm, the VESA mount on the monitor is generally no longer available for other purposes. With the additional product IB-MSA105-DK it is now possible to install the IB-DK2405-C and a monitor arm behind a monitor.

Logistical data

Packing unit:	9 pcs./carton	**Dimension/Carton:**	310x500x320 mm
Total weight:	13.95 kg	**Dimension** (with packing)**:**	95x290x158 mm
Gross weight: (with packing)**:**	1.430 kg	**Dimension of article:**	86x30x200 mm
Net weight:	0.402 kg	**Country of Origin:**	China

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System requirements

- Host notebook with an available USB Type-C® port (in order to ensure full functionality of the dock, the host USB Type-C® port must support USB Power Delivery and DisplayPort™ Alt Mode or Thunderbolt™ 3).
  Note: The DockingStation can still be used with a host notebook with a USB Type-C® port that does not support Power Delivery (but still has to support DisplayPort™ Alt Mode). In this setting, the DockingStation will not provide power to your host notebook.
- HDMI® and DisplayPort™ enabled display(s) with cables as needed (for additional external displays)
- 4K-capable displays are required to achieve up to 3840x2160@30/60 Hz resolution (DP™ 1.4).
- To reach maximum supported resolutions, your host computer must support DisplayPort™ 1.4 via USB Type-C® at least.
- Any of the following operating systems: Windows®, macOS®
- Note: macOS® only supports dual and triple video output in mirror mode, SST (Single Stream Protocol)

Video matrix design (DP 1.2 HBR2), maximum resolutions					
	Inputs (plug-in)			**Output**	
Number of displays	**DP™ 1**	**DP™ 2**	**HDMI®**	**DP™ 1**	**DP™ 2**	**HDMI®**
Triple video output*	DP™ 1	DP™ 2	HDMI®	1920x1080@30 Hz	1920x1080@30 Hz	1920x1080@30 Hz
Dual video output	DP™ 1	DP™ 2		1920x1080@60 Hz	1920x1080@60 Hz	
		DP™ 2	HDMI®		1920x1080@60 Hz	1920x1080@60 Hz
	DP™ 1		HDMI®	1920x1080@60 Hz		1920x1080@60 Hz
Single video output	DP™ 1			3840x2160@30 Hz		
		DP™ 2			3840x2160@30 Hz	
			HDMI®			3840x2160@30 Hz

Video matrix design (DP 1.4 HBR3), maximum resolutions					
	Inputs (plug-in)			**Output**	
Number of displays	**DP™ 1**	**DP™ 2**	**HDMI®**	**DP™ 1**	**DP™ 2**	**HDMI®**
Triple video output*	DP™ 1	DP™ 2	HDMI®	3840x2160@30 Hz	3840x2160@30 Hz	3840x2160@30 Hz
Dual video output	DP™ 1	DP™ 2		3840x2160@60 Hz	3840x2160@60 Hz	
		DP™ 2	HDMI®		3840x2160@60 Hz	3840x2160@60 Hz
	DP™ 1		HDMI®	3840x2160@60 Hz		3840x2160@60 Hz
Single video output	DP™ 1			3840x2160@60 Hz		
		DP™ 2			3840x2160@60 Hz	
			HDMI®			3840x2160@60 Hz

Video matrix design (DP 1.4 HBR3-DSC1.2), maximum resolutions					
	Inputs (plug-in)			**Output**	
Number of displays	**DP™ 1**	**DP™ 2**	**HDMI®**	**DP™ 1**	**DP™ 2**	**HDMI®**
Triple video output*	DP™ 1	DP™ 2	HDMI®	3840x2160@60 Hz	3840x2160@60 Hz	3840x2160@60 Hz
Dual video output	DP™ 1	DP™ 2		3840x2160@60 Hz	3840x2160@60 Hz	
		DP™ 2	HDMI®		3840x2160@60 Hz	3840x2160@60 Hz
	DP™ 1		HDMI®	3840x2160@60 Hz		3840x2160@60 Hz
Single video output	DP™ 1	DP™ 2		5120x2880@60 Hz		
	DP™ 1			5120x2880@60 Hz		
		DP™ 2			5120x2880@60 Hz	
			HDMI®			3840x2160@60 Hz

*Note:
The integrated notebook display must be deactivated in the video settings of your operating system in order to support video output to three external monitors!

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