



USB-C 8K Docking Station, 12-Port



Quick installation guide

DA-70919

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1. Introduction

Expand your workplace with our powerful USB-C 8K docking station and enjoy brilliant image quality. When connecting a single monitor, a resolution of up to 8K/30Hz is supported. When using two or three monitors on the docking station, a resolution of up to 4K/60Hz is achieved. The docking station supports both dual monitor mode (2x 4K/60Hz) and triple monitor mode (3x 4K/60Hz) in SST mode (screen mirroring) and (1x 4K/60Hz + 2x 4K/30Hz) in MST mode (screen extension). With two USB-A 3.2 Gen 2 (10 Gbit/s), one USB-C 3.2 Gen 2 (10 Gbit/s) and one USB-A 3.2 Gen 1 (5 Gbit/s), you can transfer data at lightning speed. Two ports also offer a charging function (1.5A) for mobile devices. The Gigabit Ethernet port (RJ45) ensures a stable network connection, while the SD & MicroSD card reader (104 MB/s) enables fast file transfers. Thanks to USB-C Power Delivery (100W), your notebook stays always charged. Rubberized feet and the non-slip pad provide stable support for both your notebook and the docking station. Connect all your devices with just one cable - For a tidy and productive working environment.

2. Functions

- 2x HDMI + DP (8K/30Hz)
 - Expand your workstation with up to 3 external monitors
- Supports dual monitor (2x 4K/60Hz) & triple monitor (1x 4K/60Hz + 2x 4K/30Hz) in MST mode (extend screen)
 - Windows, ChromeOS
- Supports dual monitor (2x 4K/60Hz) & triple monitor (3x 4K/60Hz) in SST mode (screen mirroring) – macOS, iPadOS, from iPhone 15 Pro, Android
- 2x USB-A 3.2 Gen 2 & 1x USB-C 3.2 Gen 2 connection- 10 Gbit/s data transfer & charging function: 1x 7.5W (5V/1.5A), 1x 7.5W (5V/1.5A), 1x 4.5W (5V/0.9A)

- 1x USB-A 3.2 Gen 1 port - 5 Gbit/s data transfer & charging function: 1x 4.5W (5V/0.9A)
- 1x Gigabit Ethernet connection (RJ45)
– Connection of your notebook to the network via cable
- 2x Card reader (SD/MicroSD) -Transfer speed of 104 MBps
- 1x USB-C Power Delivery (3.0) port for charging the notebook
- 1x 3.5 mm audio jack
- Anti-theft lock - 1x Standard
- Supports PD 3.0 Fast Role Swap (FRS) – The connection between the docking station and notebook is not interrupted when the charger is removed
- Integrated USB-C connection cable (35 cm)
– Flexible connection to the host PC
- Supports DP 1.4 Alt Mode, backwards compatible to DP 1.2 Alt Mode (DisplayPort Alternate Mode)

3. Package contents

- 1x USB-C 8K Docking Station, 12-Port
- 1x QIG

4. Specification

Connections	1x USB-C (3.2 Gen 2) input – Host PC connection
	2x HDMI port + 1x DP port output – Max. Resolution: 8K/30Hz
	2x USB-A 3.2 Gen 2 & 1x USB-C 3.2 Gen 2 Connection – 10 Gbit/s data transmission & Charging function: 1x 7.5W (5V/1.5A), 1x 7.5W (5V/1.5A), 1x 4.5W (5V/0.9A)
	1x RJ 45 Gigabit Ethernet – 10/100/1000 Mbit/s bandwidth

	2x Card reader – 1x SD/1x MicroSD (up to 104 MBps)
	1x USB-C Power Delivery – 100 watts max. (85W host, 15W dock)
	1x 3.5 mm audio jack
Chipset information	VL103-Q4, VL822, VL817S, RTL8153B, GL3224, ALC4032, RTD2146
Anti-theft protection	1x Standard
Supports	Supports DP 1.4 Alt Mode, backwards compatible to DP 1.2 Alt Mode (DisplayPort Alternate Mode)
	Supports HDR (High Dynamic Range)
	Supports HDCP 2.3, HDCP 2.2
Protection	Short circuit and overcurrent protection
Product color	Gray / Black
Housing	Aluminum / plastic
Weight	450 g
Dimensions	L 30 x W 7.3 x H 2 cm
Operating temperature	0°C - + 45°C
Cable length	35 cm
Cable color	Black

Notes:

- Not all USB-C ports support all functions of the USB-C standard. Make sure that the USB-C port on your notebook supports DisplayPort Alternate Mode (DP-Alt Mode) and USB Power Delivery (PD)
- Supports dual monitor (2x 4K/60Hz) & triple monitor (1x 4K/60Hz + 2x 4K/30Hz) in MST mode (Multi Stream Transport / extend screen) – Windows, ChromeOS
- Supports dual monitor (2x 4K/60Hz) & triple monitor (3x 4K/60Hz) in SST mode (single stream transport / screen mirroring) – macOS, iPadOS, from iPhone 15 Pro, Android
- The video output capability (actual resolution) depends on the graphics card of your notebook, the connected monitor and the DP mode.
- To use the full range of functions, the notebook must support DP 1.4 Alt Mode with DSC (Display Stream Compression)
- When using both USB-A 3.2 Gen 2 ports simultaneously there is a difference in performance in the charging function, due to the joint limitation of the ampere output to a total of 2A.
- Compatibility exists with the following operating systems up to their current versions: From Windows 7, from macOS 12, from iPhone 15 (iOS), from iPadOS 16, from Android 14, from ChromeOS 116.0.5845.120, from Linux 22.04 LTS
- MST is supported: Windows, Chrome, Linux
- SST is supported: Windows, macOS, iOS, iPadOS, Android, ChromeOS, Linux

5. Connection diagram



1	Audio Jack	6	Host-PC
2	USB devices	7	PD adapter (max. 100W)
3	Display 2 and 3: HDMI display (max. 8K/30Hz each)	8	Display 1: DP display (max. 8K/30Hz)
4	Gigabit Ethernet	9	Micro SD3.0 / SD3.0
5	Anti-theft protection		

Assmann Electronic GmbH hereby declares that the declaration of conformity is part of the scope of delivery. If the declaration of conformity is missing, you can request it by post from the manufacturer's address given below.

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