

Docking Station

Dual 4K Universal Compact Docking Station – CH2

HDMI EDITION

HDMI™



Dual Display



4K 60Hz
Resolution



Apple & Windows
Compatible



Device
Charging*



USB-C + USB-A
Compatible



USB-C to USB-A
Adapter Included



Part no

Color

DUCH2

• Space Grey and Black



ALOGIC CH2 Universal Docking Stations expand the capabilities of any laptop – compatible with all Windows, MacOS and Chrome OS computers. CH2 docks allow for connection of up to two external monitors, gigabit Ethernet networking, SD cards plus USB-C and USB-A peripherals. This dock can also charge the connected laptop when an external USB PD power adapter is connected (available separately)*. Compact but powerful, this dock is an ideal companion for any laptop.



Connect up to Two 4K Displays

ALOGIC's Dual 4K Universal Compact Docking Station's twin HDMI outputs enable you to connect two external displays at resolutions up to 4K. The dock's in-built DisplayLink technology ensures you experience the highest-possible screen resolutions for your computer monitor, regardless of your computer model, or whether you connect to USB-A or USB-C ports. When you expand your screen real estate with the CH2, you have better oversight of your work. This oversight can improve your efficiency and productivity.



Comprehensive Connectivity for Your Desk

The CH2's comprehensive suite of high-performing ports supports the versatile connectivity needs of homes, schools, and businesses. The dock's USB-A [3.2 Gen 2, 10Gbps] and USB-C ports [3.2 Gen 2, 10Gbps] keep essential USB accessories such as external drives, scanners, keyboards, and mice humming. Connect your laptop to the CH2 for up to 100W pass-through charging [when the CH2 is connected to an external power adapter], and connect to the Internet with Gigabit Ethernet when security and stability are paramount. The CH2 also features an SD 4.0/UHS-II Card Reader, so you can rapidly transfer your bulky multimedia libraries to and from the dock.



Passthrough Charging While You Work

The compact CH2 is built to fast-charge your laptop with up to 100W power delivery while you run multiple displays, USB accessories, and Ethernet, all over a single USB-C cable*. All you need to do is plug your laptop in when it's time to get to work, and unplug when it's time to take your laptop on the road.

**When connected to a host computer with USB-C ports that support USB Power Delivery, the CH2 will connect peripherals and charge the laptop over a single USB-C cable. USB-A enabled laptops can be charged from the dock using the ALOGIC DCAP-SPL USB-C Data + Power Splitter (available separately).*

When you need your laptop for mobile work, the CH2 docks can also operate by connecting directly with your computer's USB port [without an external power supply]. However, factor in that the docks' USB-C ports are inactive in the absence of a power adapter connection, due to power constraints.

Display Resolution Table

See our Display Resolution table below to see which CH2 Video Outputs your computer is compatible with. The Display Resolution Table also specifies the maximum resolution you can run each of your displays at. This will vary for USB-C enabled computers, depending on the capabilities of your computer's ports.

Port	Maximum Resolution
HDMI 1	3840x2160 60Hz (all computers)
HDMI 2	3840x2160 60Hz (all computers)

7 High-Performance Ports



- 1 SD Card Slot (SD 4.0, UHS-II)
- 2 USB-A 3.2 Gen 3 (10G, BC 1.2 and Apple Charging Support)
- 3 USB-C 3.2 Gen 2 (10G)
- 4 RJ45 Ethernet 1Gbps
- 5 HDMI 2.0
- 6 USB-C power input; supports USB Power Delivery (USB PD) power sources up to 100W

User Interface

- Input**
- 1 x Integrated USB-C cable (adapter included for USB-A computers)
 - 1 x USB-C power input; supports USB Power Delivery (USB PD) power sources up to 100W
- Output**
- 2x HDMI 2.0
 - 1 x USB-C 3.2 Gen 2 (10G)
 - 1 x USB-A 3.2 Gen 3 (10G, BC 1.2 and Apple Charging Support)
 - 1 x Full Size SD Card Slot (SD 4.0, UHS-II)
 - 1 x RJ45 Ethernet 1Gbps

Power

* Dock can be powered from the host computer or by connecting a USB-C Power Delivery (USB PD) power adapter (not included). Dock will accept up to 100W of power to power the dock and charge the connected computer when a suitable USB PD power supply is connected to the dock.

USB-C ports on the dock are not available for use when no power adapter is connected to the dock due to power constraints.

Recommended Accessories

- DCG1X100-USANZ Rapid Power 100W Inline USB PD Power Adapter - US + AU/NZ Power Leads
- DCG1X100-EUUK Rapid Power 100W Inline USB PD Power Adapter - Europe and UK Power Leads
- DCG1X100-IN Rapid Power 100W Inline USB PD Power Adapter - India Power Lead
- DAMTVESA01-BK VESA Mounting Bracket

Physical Characteristics

Product Dimensions	120 x 120 x 26mm (L X W X H)
Colour	Space Grey and Black
Weight	320g

Video Resolution

Up to 2 x 4K UHD (2x 3840x2160 60Hz maximum)

Package Includes

CH2 Dock
USB-C to USB-A adapter
User manual

Device Compatibility

Windows, MacOS, ChromeOS Computers

Audio Support

Supports HDMI audio output

Warranty

2 Year