



DATA SHEET

Thunderbolt™ 3 10-in-1 Dual 4K Display Dock Kit for MacBooks®

A simple, single port solution to give you more screen space and access to more devices – turning your laptop into a full desktop

OVERVIEW

The Thunderbolt 3 10-in-1 Dual 4K Display Dock Kit connects to Thunderbolt™ 3 enabled MacBooks and laptops and includes the cable connectivity solution needed for up to two 4K HDMI® displays — making it perfect for transforming your laptop into a full desktop solution through a single connection point. Perfect for setting up a workspace at the office or in the home.

The included HDMI and USB-C® to HDMI cables allow this dual 4K display dock kit to connect to one or two 4K HDMI displays. This dock supports up to two displays with resolutions up to 4K (3840 x 2160) at 60Hz for high definition audio/video. The USB-A ports are perfect for adding a keyboard/mouse combo, charging a phone, or connecting a storage device supporting SuperSpeed USB 5Gbps data transfers — allowing up to 32GB of data to be downloaded in under a minute. The Thunderbolt 3 ports support data transfers up to 40Gbps — 8x faster than SuperSpeed USB 5Gbps. The Ethernet port allows for reliable internet connectivity with file transfer speeds up to 1000Mbps. Access multimedia content quickly with the SD 3.0 card reader that supports SD, SDHC and SDXC up to 128GB.

This Thunderbolt 3 Dual Display Dock offers 135W to support connected devices, such as keyboards, mice, portable hard drives, and other peripherals, all while supporting up to 60W of power delivery to charge and power a commercial workstation laptop when using the USB-C power adapter that is included with the laptop. The maximum power capacity depends on how much power the connected adapter can supply. Laptops or tablets that require more than 135W may charge at lower speeds. This docking station includes a 135W power supply.

This Thunderbolt 3 USB-C Dual Display Docking Station has been tested for full compatibility with Windows, Mac, and Linux operating systems.

FEATURES

- Includes the cables needed to connect the dock to two 4K HDMI displays
- Supports HDMI and Thunderbolt 3 resolutions up to 4K, for viewing your screen content at full HD
- Includes 135W power supply to support connected displays and devices
- Supports up to 60W of power delivery to keep your laptop charged
- USB-A ports to add keyboard/mouse combo, storage devices, or to charge a smart phone
- BC 1.2 USB-A port for enhanced mobile charging
- Thunderbolt 3 port supporting 40Gbps data transmission or 60W power delivery
- Hard wired Ethernet port for when security requires it or when Wi-Fi™ is not available
- SD Card Reader to transfer pictures, video, or other multimedia
- Reversible, symmetrical USB-C connector, for plugging a single connection into your laptop
- Compatible Thunderbolt 3 enabled laptops with Windows, Mac, and Linux operating systems
- 5 year warranty, for peace of mind – with the highest quality docking stations

ITEM DESCRIPTION

C2G54478 Thunderbolt 3 10-in-1 Dual 4K Display Dock Kit for MacBooks

SIGNAL SPECIFICATIONS

- HDMI Resolution: 4K (3840 x 2160) @ 60Hz
- USB-C Thunderbolt 3 (TB3) Resolution: 4K (3840 x 2160) @ 60Hz
- Support: USB-C TB3 Female Input and USB-C TB3, HDMI, 5 x USB-A, RJ-45, and Secure Digital Female Ports
- USB-C Female: Connecting PD Adapter: Up to 60W (20/3A)
- HDMI Male to Male Cable: HDMI Specification: 2.0; Nominal Velocity of Propagation - 18Gbps; Up to 4K @ 60Hz
- USB-C Male to HDMI Male Cable: Up to 4K @ 60Hz

ELECTRICAL SPECIFICATIONS

- Input Current: 1.8A; Input Voltage: 100 ~ 240AC
- Output Current: 6.75A; Output Voltage: 20V DC
- Power Consumption: 135W; Power Source: AC Adapter included
- HDMI Male to Male Cable: DC Resistance - 300V; Dielectric Strength - AC 500V/minute; Nominal Attenuation - 300kHz-825MHz - >5dB, 825MHz-2.475GHz - >5dB, 2.475GHz-4.125GHz - >12dB, 4.125GHz-5.1GHz - >20dB; Voltage Rating - 30V
- USB-C Male to HDMI Male Cable: Rated Temperature: 80°C ; Voltage: 30V; Max Conductor Resistance at 20°C: 34AWG , 860 OHMS/KM; Insulation Resistance: 10M-KM MIN at 20°C DC 500V.(EIA-364-21); Dielectric Strength: AC 500V/1 Minute No Breakdown.(EIA-364-20)

PHYSICAL SPECIFICATIONS

- Operating Temperature: 0°C to 35°C; 0-80% RH (Non-Condensing)
- Storage Temperature: -20°C to 70°C; 0-80% RH (Non-Condensing)
- Operating Humidity: 0% to 80% RH (Non-Condensing)
- Storage Humidity: 0% to 80% RH (Non-Condensing)
- HDMI Cable: Operating Temperature: -20° to 80°C
- HDMI Cable: Storage Temperature: -25° to 85°C
- USB-C Male to HDMI Male Cable: Operating Temperature: 0°C to 45°C Ambient
- USB-C Male to HDMI Male Cable: Storage Temperature: -10°C to 70°C Ambient

PHYSICAL CHARACTERISTICS

- Connector 1: DC Jack: 6.0 * 2.5mm
- Connector 2: HDMI: Female 19 pin SMT Type
- Connector 3: USB Type-C: 40Gbps USB-C for Thunderbolt
- Connector 4: SD Card: SD Push Gold Flash
- Connector 5: RJ45: Green / Yellow 8P8C for 1000Mbps
- Connector 6: Audio: 3.5mm Jack 6 * 3.6mm
- Connector 7: USB Type-A: Female Connector, Pin Gold Flash 30UM; Thermal plastic Blue
- Material Housing: ABS + PC, Aluminum
- Dimensions (HxWxL): 27mm x 230mm x 87.3mm (1.06 inch H x 9.05 inch W x 3.44 inch L)
- Power Adapter Cable Length: 1800mm
- Power Adapter Pin Diameter: OD = 5.5mm, ID = 2.5mm
- Power Adapter Center Pin Polarity: Positive
- Power Adapter Power Efficiency: VI
- Certifications: FCC, CE
- HDMI Cable: Drain Wire - 30AWG (07/0.10), Tinned Copper
- HDMI Cable: Foil Shield - Aluminum Foil, 100% Coverage
- HDMI Cable: Braided Shield - 16/4/0.12, Al/Mg
- HDMI Cable: Jacket - PVC, Black, O.D. - 6.0 ± 0.2mm
- HDMI Cable: Minimum Bend Radius - 60°
- HDMI Cable: RoHS Compliant
- USB-C Male to HDMI Male Cable: USB Type-C Male: Contacts Terminal Gold Flash, Nickel Plated Shell; Black Insulation
- USB-C Male to HDMI Male Cable: HDMI Male: Contacts Terminal Gold Flash, Nickel Plated Shell; Black Insulation. Chipset: PS176 QFN-48PIN and VL100
- USB-C Male to HDMI Male Cable: Molding Material: Black PVC Conforms to RoHS
- USB-C Male to HDMI Male Cable: Product is CE Marked and Conforms to 2011/65/EU RoHS2HDMI Cable: RoHS Compliant
- DisplayPort Male to HDMI Male Cable: Jacket: PVC; Shield: AL-Mylar-Coverage 100%; Braid-16/9/0.12; Drain: 2:30AWG (7/0.08 BC); OD: 6.5±0.2
- DisplayPort Male to HDMI Male Cable: CE Compliant

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