



## DATA SHEET

### USB-C<sup>®</sup> 7-in-1 Dual Display Dock Kit for Laptops

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 USB-C 7-in-1 Dual Display Dock Kit connects to USB-C or Thunderbolt™ 3 enabled laptops and includes the cable connectivity solution needed for up to two 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 DisplayPort™ to HDMI cables allow this dual display dock kit to connect to one or two HDMI displays. The MST feature allows for three different display configurations on multiple monitors connected to a single source with a USB-C output. MST is great for multiple display desk setup – improving multitasking and productivity. The MST dual display feature supports resolutions up to 1920 x 1080 at 60Hz. The docking station will support 4K (3840 x 2160) at 30Hz resolution when using the DisplayPort or HDMI port independently. 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. The USB-C port supports SuperSpeed USB 10Gbps – allowing for twice the amount of data in the same amount of time as the USB-A ports.

This USB-C Dual Display Dock supports connected devices, such as keyboards, mice, portable hard drives, and other peripherals, all while supporting up to 100W of power delivery to charge and power a laptop. The maximum power capacity depends on how much power the connected adapter can supply. This docking station includes a 60W USB-C power supply.

This docking station has been tested with Windows, Mac, and Linux operating systems. It is compatible with all three operating systems – please note that the MST feature is only compatible with Windows.

#### FEATURES

- Includes the cables needed to connect the dock to two HDMI displays
- Supports resolutions up to 4K, for viewing your screen content at full HD
- Supports dual display resolutions up to 1080p
- Includes 60W USB-C power supply to support connected displays and devices
- Supports up to 100W of power delivery to keep your laptop charged
- Multi-Stream Transport (MST) allows three different display configurations on multiple monitors
- USB-A ports to add keyboard/mouse combo, storage devices, or to charge a smart phone
- Storage compartment for additional USB-C M/M cable, readily available when you need it
- Reversible, symmetrical USB-C connector, for plugging a single connection into your laptop
- Compatible with Windows, Mac, and Linux operating systems
- 5 year warranty, for peace of mind – with the highest quality docking stations

#### ITEM DESCRIPTION

C2G54477 USB-C 7-in-1 Dual Display Dock Kit for Laptops

## SIGNAL SPECIFICATIONS

- HDMI Resolution: 3840 x 2160 @ 30Hz
- DisplayPort Resolution: 3840 x 2160 @ 30Hz
- VGA Resolution: 1920 x 1080 @ 60Hz
- Support: USB-C Male Input and HDMI, DisplayPort, VGA, 2 x USB-A, and 3 x USB-C Female Outputs
- 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
- DisplayPort Male to HDMI Male Cable: Supports Resolutions up to 1080p

## ELECTRICAL SPECIFICATIONS

- Power Delivery Charging: 20V / 3A
- USB-C Power Supply: 3A max. charge current
- USB-C Power Supply input: 100-240v
- 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
- DisplayPort Male to HDMI Male Cable: Voltage Rating: 30V; Conductor Resistance: @ 20°C Max; Insulation Resistance: 10M[OHM]/km; Time Delay: 5.2ns/m (Max); Attenuation: 5.02dB@100-450MHz 7.69dB@1GHz, 12.595dB@2GHz 17.495dB@3GHz, 22.395dB@4GHz 27.295dB@5GHz, 32.195dB@6GHz 37.095dB@7GHz

## PHYSICAL SPECIFICATIONS

- Operating Temperature: 0°C to 50°C
- Storage Temperature: -25°C to 70°C
- USB-C Power Supply Operating Temperature: 0°C to 40°C
- USB-C Power Supply Storage Temperature: -20°C to +80°C
- HDMI Cable: Operating Temperature: -20° to 80°C
- HDMI Cable: Storage Temperature: -25° to 85°C
- DisplayPort Male to HDMI Male Cable: Operating Temperature: 0°C to 50°C
- DisplayPort Male to HDMI Male Cable: Storage Temperature: -25°C to 70°C

## PHYSICAL CHARACTERISTICS

- USB-C Female: Contact Pin: Copper Alloy, Gold Plated; USB-C Shell: Stainless Steel, Nickel Plating; USB-C Insulation: LCP, Black
- VGA: Female HD15; Contact Pin: C5191, Gold Plated; Shell: SPCC, Nickel Plating; Insulation: PA9T, Black
- HDMI: Female 19pin; Contact Pin: C5191, Gold Plated; Shell: C2680, Nickel Plating; Insulation: LCP, Black
- DisplayPort: Female 20pin; Contact Pin: C5191, Gold Plated; Shell: SPCC, Nickel Plating; Insulation: LCP, Black
- USB-A 3.0: 9pin; Contact Pin: Copper Alloy; USB 3.0 Shell: SUS, Nickel Plating; Insulation: LCP, Blue
- Dimensions: 127 ± 0.2 x 63.2 ± 0.2 x 14 ± 0.2mm
- Regulatory Approvals: 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
- 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

# C2G®

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