comsol CMMP10 USB-C Dual HDMI Multiport Adapter for Windows Computers User Manual
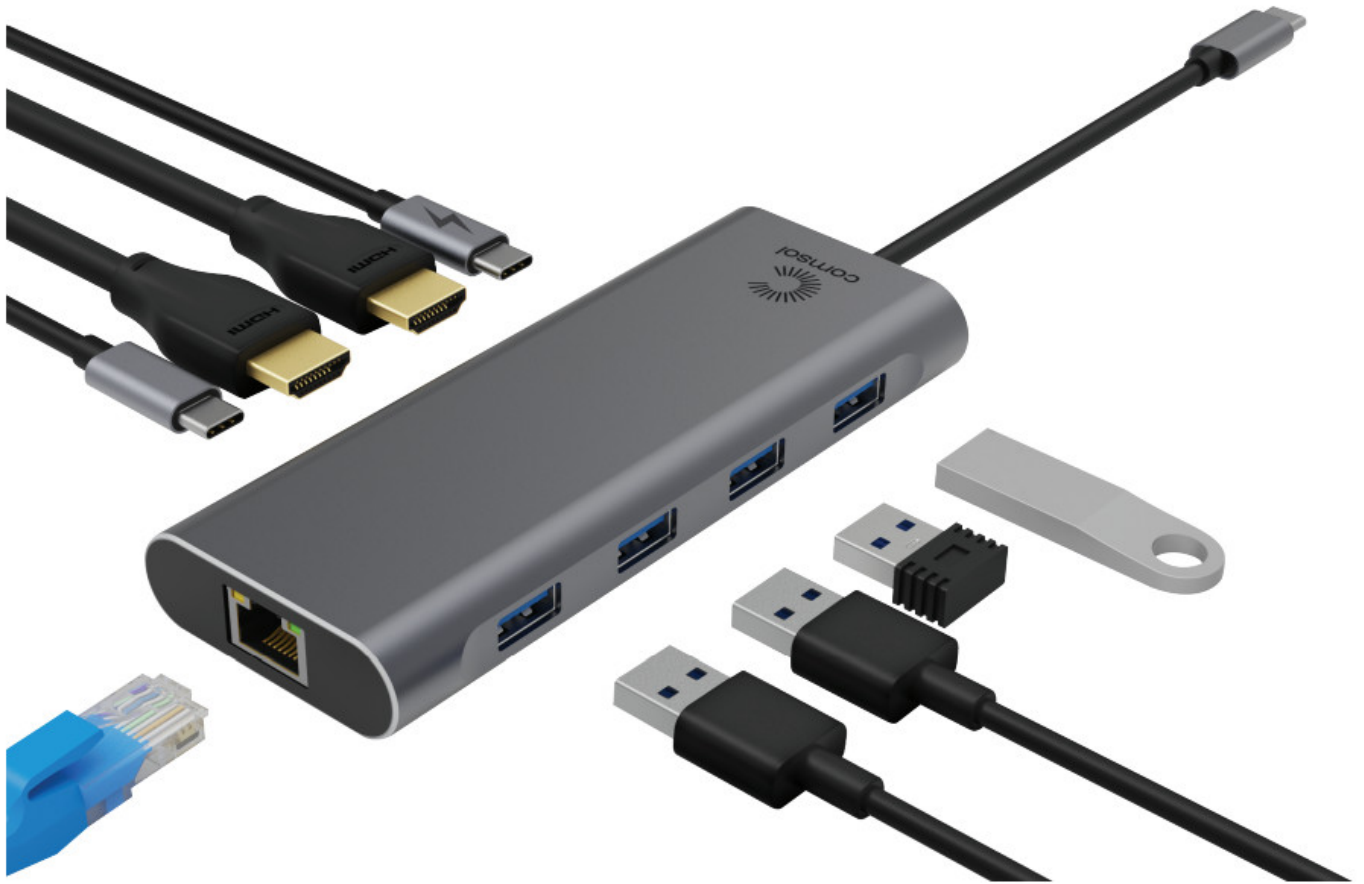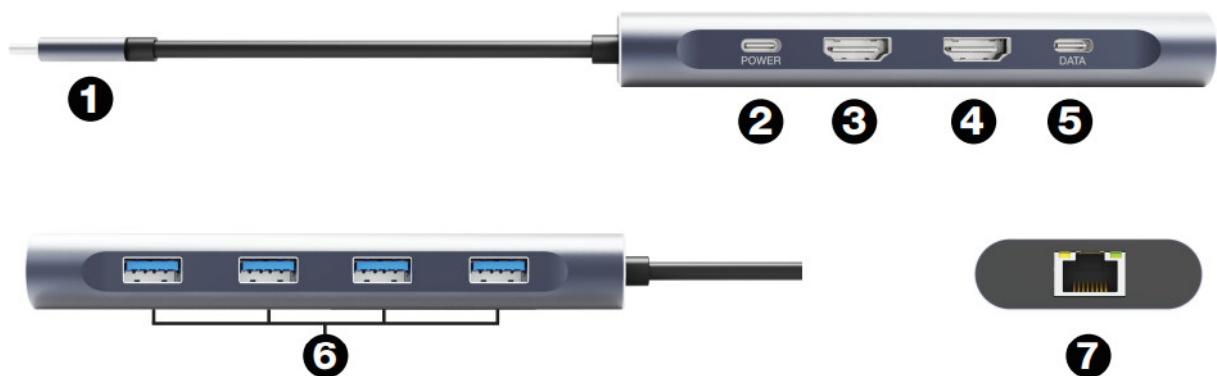
**CMMP10 USB-C Dual HDMI Multiport Adapter for Windows Computers
User Manual**

Contents

CMMP10 USB-C Dual HDMI Multiport Adapter for Windows Computers

Port		Description
1	OUSB-C Male	Connect this cable to a USB-C port on your laptop. The USB-C port must support DisplayPort Alternate Mode to display video and must support USB-C Power Delivery to charge your laptop
2	USB-C Power Port	Connect your Laptop's USB-C power supply to this port to supply up to 100W of power pass through to your laptop
3	HDMI Port 1	Connect your first monitor to HDMI 1 for maximum single display resolution
4	HDMI Port 2	Connect you second monitor to HDMI 2 for dual monitor display
5	USB-C 3.1 Data Port	Connect a USB-C device including flash drives, a web cam or external storage devices to this high speed USB-C 3.1 port at speeds up to 5Gbps
6	4 x USB-A 3.0 Data Ports	Connect USB-A devices including flash drives, a web cam, a printer or external storage devices to these high speed USB-A 3.0 ports at speeds up to 5Gbps
7	RJ45 Gigabit LAN	Connect to a wired Gigabit network with an Ethernet cable. The Green LED will illuminate to show a connection has been made with the network, a Yellow LED illuminates to show there is network activity

Maximum Monitor Resolutions

The maximum monitor resolution supported by this multiport adapter will depend on your computer's USB-C port. Check with your computer's specifications to determine   if your USB-C port supports DisplayPort 1.2 or DisplayPort 1.4.

Laptop USB-C Port	Single Monitor	Dual Monitor
DisplayPort 1.2	3840 x 2160 @30Hz	2 x 1920 x 1080 @60Hz
DisplayPort 1.4	3840 x 2160 @60Hz	2 x 3840 x 2160 @30Hz

Operation

It is recommended to use the USB-C multiport adapter with your computer's power supply connected to the USB-C Power Port. This will provide power to the multiport adapter while also providing power to charge your computer.
Connect the multiport adapter to your computer by plugging the USB-C male cable into a USB-C port on your computer.
Connect your computer's power supply to the USB-C Power Port. This adapter supports up to 100W of power pass through.
Connect 1 or 2 monitors to the HDMI Ports.

- Using a single HDMI monitor, max resolution is 4K Ultra HD 3840 x 2160 @60Hz (must be plugged into HDMI Port 1)
- Using 2 HDMI monitors, the max resolution is 2 x 4K Ultra HD 3840 x 2160 @30Hz

Windows computers support MST (Multi-Stream Transport) allowing you to extend your computer's desktop to additional monitors. This USB-C multiport adapter supports MST and allows you to have one image on your computer and extend to 2 additional monitors with 2 different independent images.
Note: macOS & ChromeOS do not support MST. This adapter will not support multiple monitors on MacBooks or Chromebooks.

Connect your USB-A and USB-C devices to the USB-A 3.0 & USB-C 3.1 data ports such as keyboard/mouse, USB flash drives, external storage devices, webcams or other USB peripherals. The maximum data transfer rate is 5Gbps.

You can also use the USB-A and USB-C ports to charge your phone or other devices. The maximum power output of each USB port is 5V/1.5A (7.5W). The maximum total output of all USB ports is 13.5W shared. To charge a phone or large external storage device that consumes a large amount of power, the laptop's power supply must be connected to the multiport adapter.

Connect an Ethernet network cable to the RJ45 Gigabit LAN port. This will connect your computer to a wired Ethernet network.

The green LED indicates connection to a network. The yellow LED indicates network activity.

Specifications

- Connect two monitors, a keyboard & mouse, USB storage devices, a wired Gigabit network and other USB devices all via a single USB-C connection

- Supports dual monitors in duplicate or extended desktop mode for Windows

- Supports dual monitors at 4K Ultra HD 3840 x 2160 @30Hz *

- Supports single monitor at 4K Ultra HD 3840 x 2160 @60Hz *

- 2 x HDMI monitor ports

- 4 x USB-A 3.0 data ports (5Gbps)

- 1 x USB-C 3.1 data port (5Gbps)

- 1 x RJ45 Gigabit Ethernet network port

- 1 x USB-C female port for up to 100W of power pass through

- 1 x USB-C male to connect to host computer

- Dimensions: 115 x 60 x 17mm

- Weight: 92g

Trouble Shooting

Monitors not Working
This multiport adapter uses a technology called DisplayPort Alternate Mode (often referred to as DP Alt-Mode) to send your computer's video signal to connected monitors. If the monitors connected to the multiport adapter are not working, your computer's USB-C port may not support DP Alt-Mode.

Please check with your computer's specifications to see if your computer's USB-C port supports DP Alt-Mode. All USB-C ports look physically the same and some manufacturers label their USB-C ports to indicate if they support DP Alt-Mode or not, however many do not have any labels at all. Your owner's manual or the manufacturer's website will help you find if your computer's USB-C port supports DP Alt-Mode. If your computer's USB-C port supports Thunderbolt 3 or Thunderbolt 4, then it also supports DP Alt-Mode and will work with this multiport adapter.

Connection Issues
If you are experiencing connection problems, unplug and replug the USB-C multiport adapter or unplug and replug the connection that is experiencing problems.

If you are using the USB-C multiport adapter to charge your phone, or connect a large external storage device or other USB devices that consumes a large amount of power, you must connect your computer's power supply to the multiport adapter.

If the computer's power supply is disconnected, all device connections will be lost for a few seconds before reconnecting.

During this time, data can be lost. Do not disconnect the power while transferring data to avoid data loss or corruption.

Multiport Adapter Temperature
During operation, the USB-C multiport adapter may become hot. This is a normal and should not be cause for concern. To minimise heat, please use the multiport adapter on a desk or table in a well ventilated area.

* Computer's USB-C port must support DisplayPort 1.4

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References

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