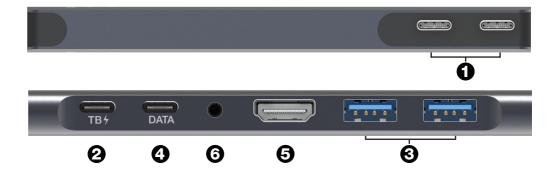# comsol

Model: CMD005
USB-C to 4K HDMI Multiport Adapter for MacBook
computers equipped with dual USB-C ports

Note: Not compatible with MacBooks only one USB- C port

User Manual v1.3

	Port	Description
1	Dual USB-C Male	Connect this to your dual USB-C ports on your MacBook
2	Thunderbolt 4 or Charging Port	Connect through directly to your MacBook's Thunderbolt 4 Port (compatible with Thunderbolt 3) or charge your MacBook with up to 100W of pass through power
3	2 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
4	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
5	HDMI Port	Connect your HDMI monitor to this port. Maximum resolution is 3840 x 2160 @60Hz
6	3.5mm Audio Socket	Connect your headphones or speakers to this port

Operation

This adapter has been designed to allow you to use the MagSafe charging port on your MacBook.
If your MacBook does not have a MagSafe charging port or you only have a USB-C charger available, connect the USB-C charger to the Thunderbolt port to provide power to your MacBook. When using a USB-C charger, this multiport adapter supports up to 100W of power pass through.

If you use the MagSafe charging port on your MacBook, the USB-C Thunderbolt port on the adapter operates as a fully functioning Thunderbolt 4 port.

Connect your HDMI monitor to the HDMI Port. The maximum resolution supported is 3840 x 2160 @60Hz. This multiport adapter supports Mirror or Extended mode.

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

Connect your USB-C device to the USB-C 3.1 data port 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 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 10W shared. To charge a phone or use a large external storage device that consumes a large amount of power your MacBook will require power. If you are not using your MacBooks MagSafe charger you must connect a USB-C power supply to the multiport adapter.

To listen to audio through speakers or headphones, or to use a headset with microphone, connect to the 3.5mm audio socket on the dock.

Specifications

- Connect a monitor, a keyboard & mouse, USB storage devices and other USB peripherals all via a single USB-C connection
- Supports mirror or extended desktop mode for macOS
- Supports 4K Ultra HD 3840 x 2160 @60Hz
- Supports Full HD 1920 x 1080 @60Hz
- 1 x HDMI monitor port
- 1 x 3.5mm port for headphones, speakers and microphone
- 2 x USB-A 3.0 data ports (5Gbps)
- 1 x USB-C 3.1 data port (5Gbps)
- 1 x USB-C female port for up to 100W of USB-C charging or pass through Thunderbolt 4 (compatible with Thunderbolt 3)
- Dual USB-C males to connect to dual USB-C MacBook
- Dimensions: 120 x 33 x 11mm
- Weight: 40g

Trouble Shooting

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 one of the USB-A ports to charge your phone, or connect a large external storage device or other USB device that consumes a large amount of power, and you are not using the MacBooks MagSafe charger you must connect a USB-C power supply to the multiport adapter.

If the MacBook'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.