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Simplecom CHN612 USB-C 12-in-1 Multiport Docking Station User Manual

Simplecom®

CHN612 USB-C 12-in-1 Multiport Docking Station
CHN612
User Manual
www.simplecom.com.au

Contents

About Product

CHN612 is a 12-in-1 USB-C multiport adapter with dual HDMI + VGA triple video outputs. It turns a single USB-C port into 12 ports, including 4 USB-A ports, 2 card reader slots, dual HDMI, VGA, Gigabit Ethernet, 3.5″ audio jack and 100W PD charging.
If you need to connect with various devices to your laptop at same time, CHN612 is a comprehensive connectivity

solution that helps you do more with the devices you already have to increase productivity and convenience.

Important Note

- Please confirm the USB-C port on your device supports DisplayPort Alternate Mode (DP Alt Mode). Some USB-C ports only work for charging or data transfer, no video output
- Screen resolution will be limited to 1080p when two HDMI monitors are connected
- Screen resolution will be limited to 1080p when VGA port is connected
- The USB-C Female port is for PD Charging only, not for data
- Please connect power delivery adapter when power is not enough
- Don't recommend for charging iPad, tablet or other high power USB devices

Features

- Powerful 12-in-1 USB-C multiport adapter for comprehensive expansion
- 4 USB-A ports support up to 5Gbps transfer rate following USB 3.2 Gen 1
- Dual HDMI plus VGA, triple video outputs with MST Support
- Support single HDMI up to 4K@30Hz and dual HDMI up to 1080p@60Hz
- Support Mirror or Extended mode (maximum 2 extended mode displays)
- Gigabit Ethernet support connection speeds of up to 1000Mbps
- 2 Slot Card reader for SD and microSD memory cards
- USB-C PD port for charging the laptop with up to 100W of power
- 3.5mm audio jack for easy connection of headphones or speakers
- Durable & stylish aluminium alloy housing
- Lightweight, easy to carry along when travelling
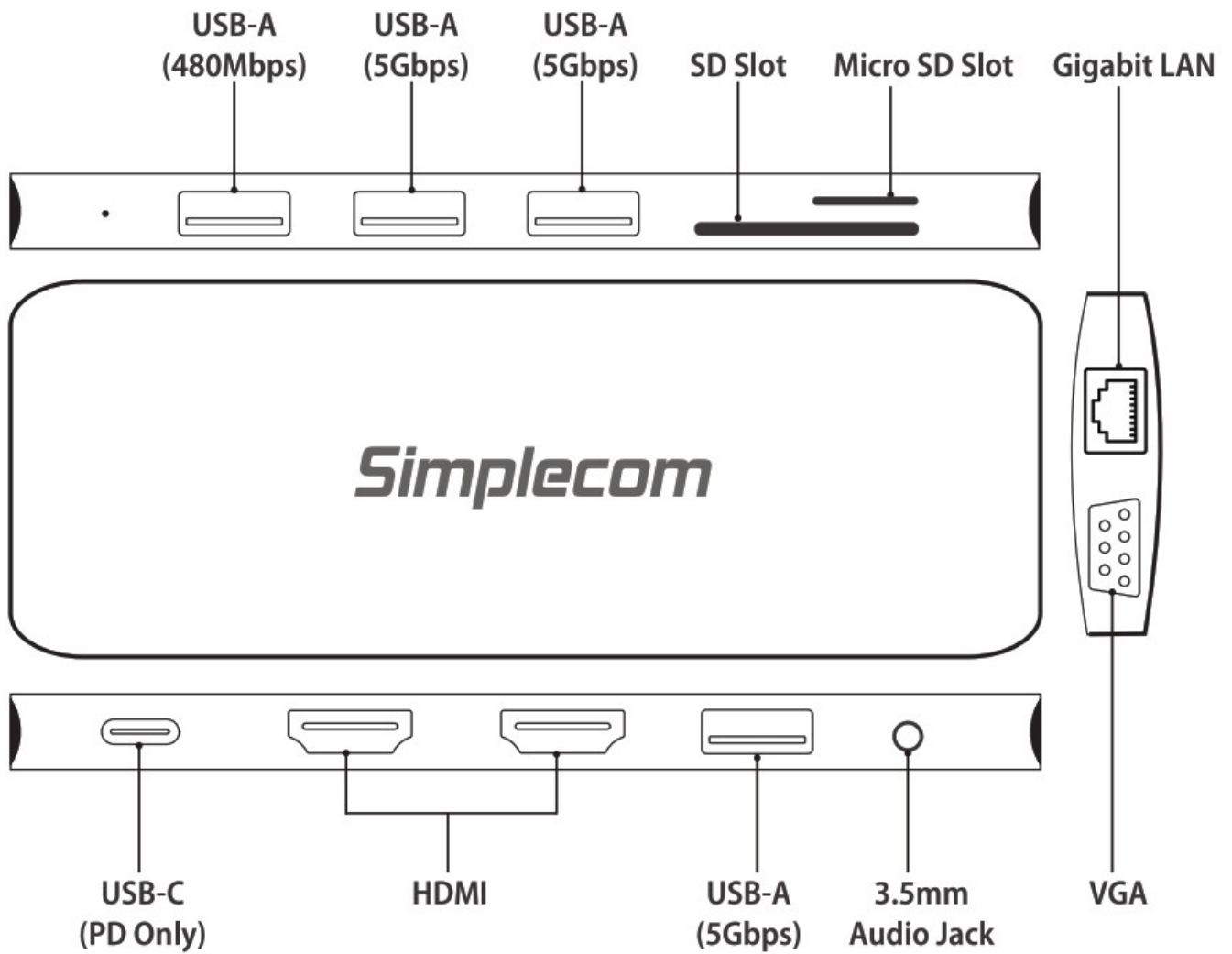- Plug & play, no driver software required

Specifications

- USB Hub: 4x USB-A (3x SuperSpeed 5Gbps, 1x HiSpeed 480Mbps)
- Video Output: 2x HDMI, VGA
- HDMI Resolution: single HDMI supports up to 4K@30Hz and dual HDMI supports up to 1920×1080@60Hz on each external monitor
- VGA Resolution: up to 1080p@60Hz
- MST Support: Yes (for Windows System only)
- RJ45 Port: Gigabit Ethernet (10/100/1000 Mbps)
- Card Reader: SD and MicroSD (SuperSpeed SGbps)
- PD Charging: USB-C Female (for charging only), up to 100W
- 3.5″ Audio Jack: Yes
- Operation Temperature: 0 – 45°C

System Requirements

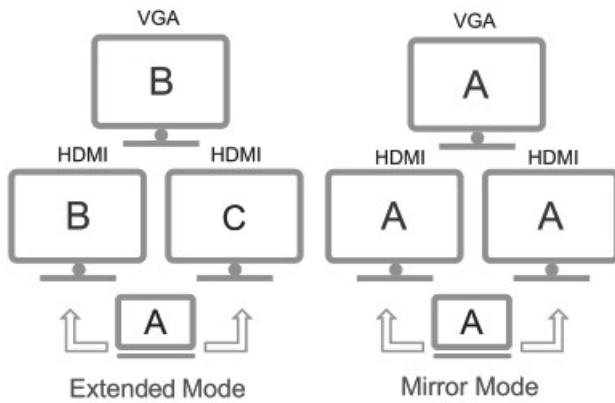- Available USB-C port with DP Alt Mode (DisplayPort Alternate Mode) support

- Windows 8 or above for MST and 2 Extended Screen support
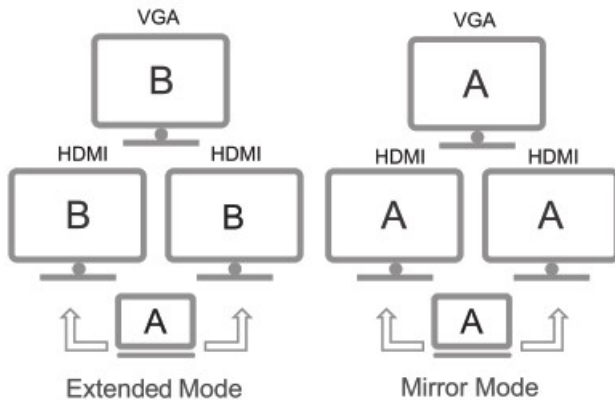- MacOS does not support MST technology and will only support one extended mode

Product

USB-A (480Mbps)   USB-A (5Gbps)   USB-A (5Gbps)   SD Slot   Micro SD Slot   Gigabit LAN

Simplecom

USB-C (PD Only)   HDMI   USB-A (5Gbps)   3.5mm Audio Jack   VGA

Display Mode

Windows supports two Extended Modes (B and C)

Extended Mode   Mirror Mode

MacOS supports one Extended Mode (B)

Extended Mode   Mirror Mode

FAQ

What do! need to know before using this adapter?

– Please confirm the USB-C port on your device supports DisplayPort Alternate Mode (DP Alt Mode). Some USB-C ports only work for charging or data transfer, no video output function.

What is DP Alt Mode?

– At its most basic level, DP Alt Mode means that device manufacturers would no longer need to put dedicated display ports (whether DisplayPort, VGA, or HDMI) on their devices, and could instead fill out their devices entirely with USB port for all digital I/O.

What is Multi Stream Transport (MST)?

– MST is a DisplayPort 1.2 standard. MST allows multiple displays to be connected to a single DP port or USB-C with DP Alt Mode. It does this by combining multiple video signals into a single stream (a process known as multiplexing) and sending it to a device (MST Hub) that unbundles the signal.

Does the USB-C female port on this hub support data transfer?

– No, the USB-C female port is only for Power Delivery.

Does it support TWO HDMI displays with 4K resolution?

– No, it only can support 4K resolution when single HDMI display is connected, resolution will be limited to 1080p when two HDMI monitors are connected.

Does it support MacOS?

– It works on MacOS, but MacOS doesn't support MST, so only one extended mode can be supported by MacOS

My laptop support DP Alt Mode, but still no display from HDMI port?
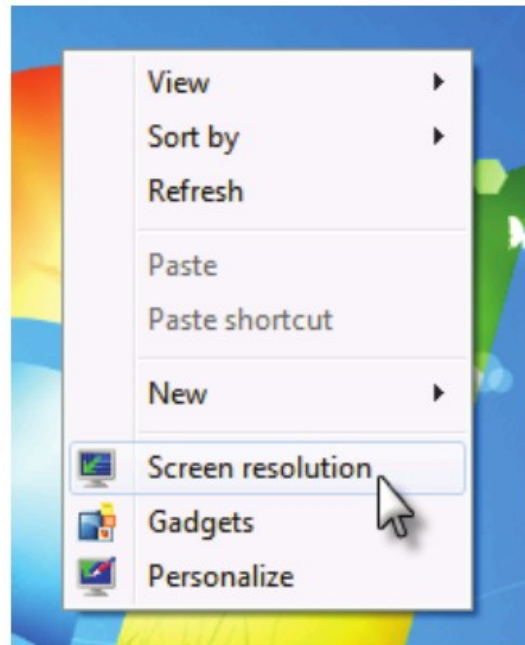
– First, make sure that the USB-C multiport adapter is connected to your laptop's USB-C port with DP Alt Mode support (normally only one USB-C port on laptop support display output).
It is possible that the extended display is disabled on your

Where to setup Extend or Mirror Mode on Windows?

– You can right click Desktop and click option from menu
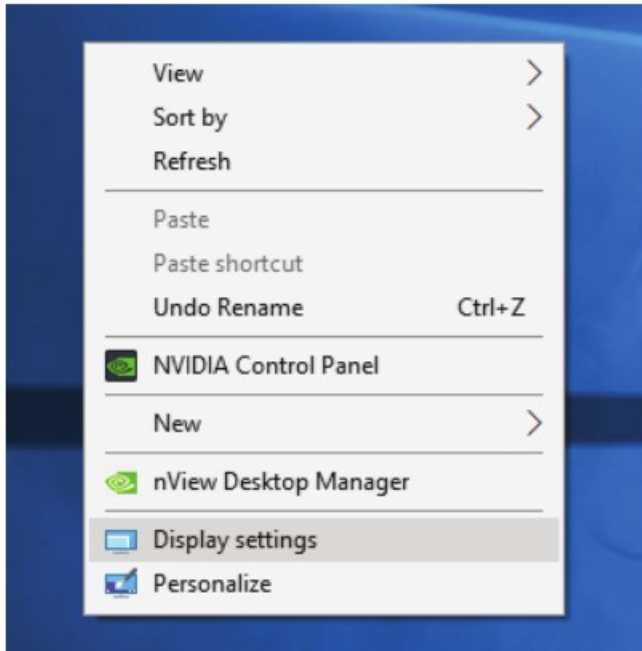
Windows 10
Display Setting

Windows 7
Screen Resolution

Warranty

1 Year limited Warranty. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.
You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
For our assistance with regards to warranty please email to support@simplecom.com.au or create a support ticket at **http://www.simplecom.com.au**

www.simplecom.com.au
support@simplecom.com.au

Documents / Resources
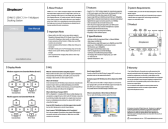
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Station, Multiport Docking Station, Docking Station, Station