

11-in-1 Type-C Multi-Function Docking Station

Product Manual

1. Product Overview

This product is an 11-in-1 multi-function docking station specially designed for devices with a Type-C interface. It integrates video output, data transfer, network connection, audio output, charging expansion and other functions. It solves the problem of insufficient interfaces on laptops, tablets, mobile phones and other Type-C devices, supports 4K ultra-HD video output, and meets the needs of office, entertainment, creation and other scenarios.

2. Product Appearance & Interface Description

2.1 Appearance

- The main body is made of metal for excellent heat dissipation, with a slim and simple design for easy portability.
- Built-in Type-C input cable, plug-and-play, no additional drivers required.
- Clear interface layout with clear labeling for quick identification and use.

2.2 Interface List (11 functional interfaces)

Interface Type	Specifications	Function Description
Type-C Input	Supports PD charging	Connects to the host device's Type-C port for power and data transmission
Type-C PD Output	Up to 100W PD fast charging	Fast charges connected laptops, phones and other devices while in use
HDMI	4K@30Hz Ultra HD	Connects to external monitors, TVs, projectors

		for 4K video output
VGA	1080P@60Hz	Compatible with older monitors and projectors
RJ45 Ethernet	100Mbps wired LAN	Stable wired network connection for office and gaming
USB 3.0	1 port, 5Gbps	High- speed data transfer for U disks, external drives, etc.
USB 2.0	3 ports, 480Mbps	For low- power devices such as mice, keyboards, wireless receivers
SD Card Reader	Standard SD slot	Directly reads photos and videos from camera SD cards
TF Card Reader	Micro SD (TF) slot	Reads data from phone and action camera TF cards
3.5mm AUX Audio	Standard 3.5mm jack	Connects headphones or speakers for audio output

3. Specifications

Item	Details
Input Interface	Type- C (USB 3.1 / 3.2 Gen1 compatible)
HDMI Output	4K@30Hz, backward compatible with 1080P / 720P
VGA Output	1080P@60Hz, backward compatible with 720P

Ethernet	RJ45 10/100Mbps auto- negotiation
USB Ports	1× USB 3.0 (5Gbps), 3× USB 2.0 (480Mbps)
Charging	Type- C PD up to 100W (PD charger required)
Card Readers	SD / TF dual slots, UHS- I supported
Audio	3.5mm 4- pole AUX, headphone + mic supported
Material	Aluminum alloy shell, nickel- plated interfaces
Operating Temp	0°C ~ 40°C
Storage Temp	-20°C ~ 60°C
Compatible OS	Windows, macOS, Linux, Android, iOS (functions depend on device support)
Driver	Plug- and- play, no driver installation required

4. Installation & Usage

4.1 Connection Steps

1. Connect the docking station's Type- C cable to your laptop, tablet or phone.
2. Connect external devices such as monitors, U disks, Ethernet cables or headphones to corresponding ports.
3. For fast charging (optional), connect a PD charger to the Type- C PD port.
4. The system automatically recognizes the device; all functions are ready to use.

4.2 Function Guide

- **Video Output (HDMI / VGA)**

Supports single or dual display (HDMI + VGA) in mirror or extended mode. Adjust resolution and refresh rate in system display settings if needed.

- **Wired Network (RJ45)**

Automatically obtains an IP address after plugging in an Ethernet cable for stable wired internet.

- **Data Transfer (USB / Card Readers)**

USB 3.0 for high-speed file transfer.

3× USB 2.0 for mice, keyboards and wireless adapters.

SD/TF cards are recognized automatically for direct reading and writing.

- **PD Fast Charging**

Use a certified PD charger to charge your device at up to 100W while using the dock.

- **Audio Output**

Connect headphones or speakers via the 3.5mm jack for audio playback and calls.

5. Compatible Devices

- **Laptops:** MacBook series, Dell XPS, HP, Lenovo, ASUS, Huawei MateBook and other Type-C laptops.
- **Phones & Tablets:** iPad Pro (Type-C), Samsung, Huawei, Xiaomi, OPPO, VIVO and other Type-C devices.
- **Others:** Any Type-C device supporting DP Alt Mode and PD charging.

Note: 4K HDMI output requires device support for video output over Type-C.

6. Notes

1. Use within 0°C–40°C, avoid high temperature, humidity and strong magnetic fields.
 2. Insert and remove cables vertically; do not pull forcefully. Keep ports clean.
 3. Use qualified PD chargers to avoid device damage.
 4. The product may become slightly warm during use; ensure adequate ventilation.
 5. Compatibility may vary with older or non-standard Type-C devices.
 6. Do not disassemble or modify the product; this will void the warranty.
 7. Avoid excessive bending or pulling of the Type-C cable.
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7. Troubleshooting

Symptom	Possible Cause	Solution
No response	Loose connection / incompatible device	Reconnect firmly; confirm device supports Type- C video/PD
No HDMI display	Incorrect input source / unsupported resolution	Switch monitor input; lower resolution to 1080P
No internet	Bad cable / network issue	Replace Ethernet cable; restart router/device
No fast charging	Non- PD charger / unsupported device	Use a PD charger; confirm device supports PD
Card not detected	Improper insertion / damaged card	Reinsert correctly; test with another card
USB 2.0 not working	High power consumption / loose connection	Use low- power devices; reconnect peripherals

8. Package Contents

- 11-in-1 Type- C Multi- Function Docking Station ×1