14-in-1 GaN Charging Docking Station

DUF-E02

Key Features

- This 14-in-1 GaN Docking Station features an integrated GaN AC power supply, offering a comprehensive all-in-one solution for power, data, audio, video, SD card reading, and Ethernet connectivity.
- USB Type-C host connection supports 10 Gbps data transfer, PD 3.0 charging and DP 1.4 Alt Mode
- 2 HDMI support max 3840x2160@60Hz per port
  Support max dual 3840x2160@30Hz under MST mode (Windows System)
  Support max dual 3840x2160@60Hz under SST mode (MacOS System)
- USB-C supports max 10Gbps data transmission and PD100W downstream charging
- USB-A supports max QC18W downstream charging
- The max total output power of the 4 USB ports (Host, USB-C1, USB-C2 and USB-A1) is 160W
- Support Gigabit Ethernet, 10M/100M/1000M
- Allow microSD and SD card slots to work simultaneously
- 3.5mm Audio Jack supports max 192kHz Sample Rate



User Benefits

Versatile 14-in-1 Connectivity
Consolidate all your connectivity and charging needs with a single 14-in-1 GaN Docking Station.

Energy Efficient
Gallium nitride, or GaN, is energy efficient, which saves electricity costs.

Fast Charging
Power your personal devices and office gadgets with fast charging capabilities, thanks to standardized charging technologies.

Backward Compatible
The USB and HDMI ports are fully compatible with any legacy devices that support older generations.

Superior Multimedia Experience
Dual HDMI display outputs deliver an immersive experience, whether for content creation or gaming, with 4K dual-screen output.

Space Efficiency
Stand upright and can be placed anywhere with the included base stand, delivering cleaner desktop space.

Vertical or horizontal
Use the Docking Station standing up or lying flat. With a built-in gravity sensor, the LCD display automatically rotates to match the orientation.

Best Work-at-home Partner
Streamline your workspace for charging devices, fast connectivity, stable networking, and 4K clarity anywhere you work.

Technical Specifications

General

Device Interfaces[1,3]

Video Port:

- 2 x HDMI 2.1 (3840x2160@60Hz)

Network Port:

- 1 x RJ45 (10/100/1000 Base-T)

USB Ports:

- 3 x USB-C:
  - 1 x USB-C 10 Gbps with PD3.0 (max. 100W)
  - 1 x USB-C with PD3.0 (max. 100W)
  - 1 x USB-C 10 Gbps
- 4 x USB Type-A:
  - 1 x USB-A with QC2.0 (max. 18W)
  - 1 x USB-A 5 Gbps
  - 2 x USB-A 480 Mbps

Memory Card Slots:

- SD & microSD 4.0 card slots: support capacity range: up to 2 TB

Host Connector:

- USB-C 10 Gbps with PD3.0 (max. 100W)
  - Support USB Power Delivery (PD 3.0) 100W for fast charging
  - Support display with DP 1.4 Alt mode

Audio Jack:

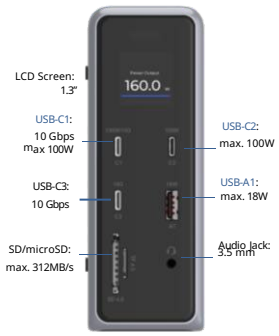
- 3.5mm
- DAC supports 44.1/48/96/192kHz Sample Rate, 16/24-bit
- ADC input supports 44.1/48kHz Sample Rate, 16-bit

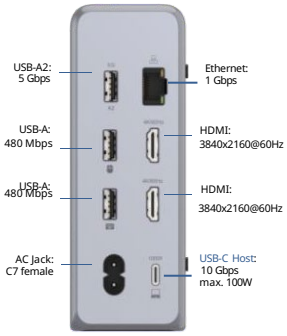
AC Jack:

- C7 female, 100V-240V,50-60Hz,2.5A

Button

- Power on/off and Screen Switch





Display Resolution[2]

- Host with DP1.4: max 3840x2160@60Hz
- Host with DP1.2: max 3840x2160@30Hz

GaN Charger Output Power

- **When only one charging port is used**
  - Host: Max. 100W (PD3.0)
  - USB-C1: Max. 100W (PD3.0/PPS)
  - USB-C2: Max. 100W (PD3.0/PPS/QC3.0/FCP/SCP/AFC/DCP)
  - USB-A: Max. 18W (QC2.0/AFC/FCP/DCP)
- **When two charging ports are used simultaneously**
  - Host + (USB-C1 or USB-C2): Max. 100W + Max. 60W
  - (Host or USB-C1 or USB-C2) + USB-A1: Max. 100W + Max. 18W
  - USB-C1 + USB-C2: Max. 80W + Max. 80W
- **When 3 charging ports are used simultaneously**
  - Host + USB-C1 + USB-C2: Max. 100W + Max. 30W + Max. 30W
  - Host + (USB-C1 or USB-C2) + USB-A1: Max. 100W + Max. 40W + Max. 18W
  - USB-C1 + USB-C2 + USB-A1: Max. 70W + Max. 70W + Max. 18W
- **When 4 charging ports are used simultaneously**
  - Host + USB-C1 + USB-C2 + USB-A1: Max. 100W + Max. 20W + Max. 20W + Max. 18W
- **Maximum Total Output: 160W**

Physical

Dimensions	140 x 105 x 50 mm
Weight	810 g
Operating Temperature	0 to 40 °C
Storage Temperature	-20 to 65 °C
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 95% non-condensing
Certifications	HDMI CE

Package Contents

DUF-E02

- 14-in-1 GaN Charging Docking Station
- USB Type-C Cable (1m; 10 Gbps; 100W)
- AC Power cord (2m)
- Quick Installation Guide
- Warranty Card

1. Backward compatible with previous USB versions.
2. Resolutions based on DP 1.4 of the input signal of the connected device. If the input signal of the connected device is compatible with DP 1.2 graphics, only 4K (3840x2160@30 Hz) can be supported as the max resolution.
3. Actual performance may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only.
4. Specifications may be subject to change without prior notice.

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