140W GaN Charger Dock

Compact USB-C PD 3.1 dock with 140W laptop charging, HDMI 2.1 display, and 10Gbps USB

DUG7391 is a compact GaN charger dock built for modern USB-C laptops. It delivers up to 140W USB-C Power Delivery, adds HDMI 2.1 display output, and expands USB connectivity with 10Gbps ports—ideal for clean, high-power desk setups.



Features

- **High-Power Charging – 140W USB-C PD 3.1** Charge compatible laptops up to 140W (28V/5A) through the USB-C upstream port.
- **HDMI 2.1 Display Output – 8K30 / 4K144 / 4K120 (DSC)** Built-in HDMI 2.1 supports 8K30 or high-refresh 4K144/4K120 with DSC (host & display dependent).
- **10Gbps USB Expansion – USB-C + Dual USB-A** Add 1× USB-C 10Gbps and 2× USB-A 10Gbps ports for storage, adapters, and peripherals.
- **BC1.2 Charging Support – Faster USB-A Charging** Dual USB-A ports support BC1.2 for improved device charging compatibility.
- **Built-in 1GbE LAN – Stable Wired Network** Integrated 1Gbps RJ45 Ethernet for stable, low-latency connectivity.
- **Safety & Thermal Protection – OTP Power Throttling** Firmware includes OTP thermal protection—total output power will reduce to 65W if temperature exceeds safety limits.

Specifications

Model	DUG7391
Host / Upstream	
Upstream Port (Host)	1 × USB-C 10Gbps (PD up to 140W 28V/5A)
Host Interface	USB-C
Display	
Maximum Display	1 × 8K@30Hz
Legacy Video Port	1 × HDMI (2.1)
Max Resolution	8K30 or 4K165/4K120 (DSC); Chromebook 4K60 (DSC)
Video Output	HDMI
USB	
USB Downstream	1 × USB-C 10Gbps (7.5W 5V/1.5A), 2 × USB-A 10Gbps (5V/1.5A , BC1.2)
Network	
LAN	1 × RJ45 (1GbE)
Power	

PD	140W

Physical

Dimension (L x W x H)	80 x 80 x 52 mm
Operating Temperature	Operating: 0~40°C; Storage: -20~70°C

General

Features	Ethernet, PD Charging