Thunderbolt™ 5 Dual HDMI Dock

Customizable Thunderbolt 5 Flagship Dock

The DBF7507 is a next-gen Thunderbolt 5 dock tailored for B2B brands, featuring the innovative Dock 2.0 modular architecture. By separating the core main board from the IO expansion board, brands can rapidly customize configurations with minimal R&D costs, significantly accelerating time-to-market. Powered by the Intel JHL9480 chipset, it delivers a massive 16-in-1 expansion, supporting breathtaking dual 8K@60Hz or triple 4K@144Hz displays. With a 180W smart power input, it provides up to 140W PD charging for laptops. Backed by strict reliability tests and enterprise-grade security, the DBF7507 is an ideal solution for premium corporate markets.



Features

- **Innovative Modular Architecture** Dock 2.0 dual-board design empowers brands with rapid, low-cost customization and accelerated time-to-market.
- **Next-Gen TBT5 Performance** Powered by Intel JHL9480, supporting 80/120Gbps bandwidth and USB4 V2.
- **16-in-1 Expansion** Integrates 16 ports including TBT5, 10G/5G USBs, 2.5GbE LAN, and SD/MicroSD 4.0 readers.
- **Flagship Multi-Display** Dual HDMI 2.1 supports up to single/dual 8K@60Hz or triple 4K@144Hz.
- **140W Power Delivery** 180W smart power input provides up to 140W PD laptop charging and 30W downstream.
- **Enterprise Reliability** Strict thermal control (under 60°C), rigorous durability testing, and built-in dual security lock slots.

Specifications

Model	DBF7507
Host / Upstream	
Thunderbolt Upstream	1 × Thunderbolt™ 5
Host Interface	Thunderbolt™ 5
Display	
Maximum Display	2 × 8K@60Hz, 3 × 4K@144Hz
Legacy Display	2 × HDMI (2.1)
Video Output	HDMI, Thunderbolt
USB	
Downstream Port	1 × Thunderbolt™ 5 PD 30W
USB Downstream	1 × USB-A 10Gbps, 2 × USB-A 5Gbps, 3 × USB-C 5Gbps, 2 × USB-C 10Gbps (with 1× PD30W)
Network	

LAN	1 × RJ45 (2.5GbE)
Power	
PD	140W
Power Supply	DC 180W
Power Mode	Self-Power
Audio & Other I/O	
Audio	3.5mm 4-position TRRS Combo
Card Reader	SD, microSD
General	
Features	Audio, Ethernet, Card Reader, PD Charging, Security Lock