

1.5ft (50cm) Thunderbolt 5 Cable, 80Gbps/Up to 120Gbps, 240W PD, 8K 60Hz, Certified Thunderbolt Cable, Compatible w/Thunderbolt 4/USB4/USB-C - White

Product ID: TBLT5MM50CM240WWH



Experience reliable, ultra-high performance between Thunderbolt 5-enabled devices, supporting up to twice the bandwidth of Thunderbolt 4, 8K 60Hz video, and 240W charging over a single connection. This Thunderbolt 5 cable is ideal for high-performance laptops such as 16in MacBook Pro with M4 Pro/Max.

Transfer high-speed data and drive dual UHD displays with 80 Gbps bidirectional bandwidth. When higher bandwidth is required, Thunderbolt 5 Boost Mode reallocates the data lanes, enabling 120 Gbps (transmit) and 40 Gbps (receive). This asymmetric configuration is ideal for display-intensive tasks, such as driving multiple 8K monitors or handling high-resolution video workflows while still supporting robust data transfer capabilities.

Connect this Intel Thunderbolt-certified cable for guaranteed Thunderbolt 5 performance and backward compatibility. Certified cables ensure seamless operation across multiple resolutions, refresh rates, and resource-intensive applications.

The Thunderbolt 5 cable features a flexible TPE outer jacket that is tested to withstand 2,000 bending cycles and routes easily around corners and desk edges. Robust strain reliefs enable convenient positioning of the cable. The durable Nickel-plated connectors are rated to operate beyond 10,000 insertions.

This Certified Thunderbolt 5 Cable supports full Thunderbolt 5 performance:

- 80 Gbps bidirectional bandwidth, doubling the capacity of Thunderbolt 4
- 120 Gbps boost mode for display-intensive applications
- DisplayPort 2.1 Alt Mode: Up to 8K 60Hz/4K 240Hz video with DSC, HDR, and 10-bit color
- PCI Express 4.0 (64 Gbps) support for GPUs, NICs, and storage in PCIe chassis
- 240W Power Delivery EPR for charging for high-performance laptops
- Backward Compatibility with Thunderbolt 4/3, USB4 (40 Gbps), and USB 3.2 (10 Gbps)

This versatile Thunderbolt 5 cord is constructed with braided alloy shielding to minimize EMI for seamless and consistent data/video output and long-term reliable performance.

Certifications, Reports and Compatibility



Applications

- Support full Thunderbolt 5 capabilities between Thunderbolt 5-enabled devices
- Deliver up to 8K 60Hz video, 240W charging, and 80Gbps bidirectional throughput over a single connection
- 120Gbps boost mode supports multiple UHD displays while maintaining consistent data transfer rates
- Intel Certified Thunderbolt 5 Cable for guaranteed Thunderbolt 5 performance and backward compatibility with Thunderbolt 4/3, USB4, and USB-C

Features

- **Unlock Thunderbolt 5 Capabilities**: Experience the full potential of Thunderbolt 5 with 80Gbps bandwidth (boosting to 120Gbps for display-intensive tasks), 240W Charging for power hungry laptops, and support for up to Dual 8K 60Hz over a single connection
- **Certified Performance & Reliability**: Intel-certified for Thunderbolt 5 performance with laptops like MacBook Pro with M4 Pro and Max; Ensure seamless backward compatibility with Thunderbolt 4 / 3, and USB4 hosts in mixed-hardware environments
- **Enable Intensive Pro Workflows**: Support advanced 8K visuals, fast refresh rates, vivid HDR with DP 2.1 Alt Mode (DSC, 10-bit color), and achieve 64Gbps PCIe 4.0 throughput for fast GPU, NIC, and external storage performance
- **Durable Construction for Long-Term Use**: Shielded 30/34AWG coaxial conductors minimize interference and maintain signal integrity; Durable halogen-free TPE jacket and flexible strain reliefs endure daily bends in busy work environments
- **The IT Pro's Choice**: Our Thunderbolt 5 cables are rigorously tested in our in-house Innovation Lab for reliable performance, durable construction, and broad compatibility with a variety of devices; Backed by free lifetime 24/5 multi-lingual technical assistance

Hardware

Warranty

Lifetime

Active or Passive Adapter Passive

Connector Plating	Nickel
Cable Jacket Material	TPE - Thermoplastic Elastomers
Cable Shield Material	Tinned Copper Braid

Performance

Video Revision	DisplayPort 2.1
Maximum Data Transfer Rate	80Gbps
Maximum Digital Resolutions	8K 60Hz

Connector(s)

Connector A	1 - Thunderbolt 5
Connector B	1 - Thunderbolt 5

Power

Power Delivery	240W
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Environmental

Operating Temperature	10C to 40C (50F to 104F)
Storage Temperature	-10C to 50C (14F to 122F)
Humidity	85% RH

Physical Characteristics

Color	White
Connector Style	Straight
Wire Gauge	30/34 AWG
Cable Length	1.6 ft [0.5 m]
Cable OD	0.2 in [4.6 mm]
Product Length	20.2 in [513.3 mm]
Product Width	0.5 in [12.4 mm]
Product Height	0.2 in [6 mm]

	Weight of Product	0.8 oz [24 g]
Packaging Information		
	Package Length	8.7 in [22.0 cm]
	Package Width	5.0 in [12.8 cm]
	Package Height	0.8 in [2.0 cm]
	Shipping (Package) Weight	0.8 oz [22.0 g]
What's in the Box		
	Included in Package	1 - 50cm Thunderbolt 5 Cable
Warranty Information		
	Warranty	Lifetime

**Product appearance and specifications are subject to change without notice.*