6ft (2m) Active Thunderbolt 4 Cable, 40Gbps, 100W Power Delivery, 4K/8K Video, Intel-Certified Thunderbolt Cable - Compatible w/ USB4/Thunderbolt 4/ USB 3.2/ USB Type-C/DisplayPort/Thunderbolt 3

Product ID: A40G2MB-TB4-CABLE



The 6.6ft (2m) Active Thunderbolt 4 cable enables full Thunderbolt 4 capabilities and outperforms passive cables beyond 3.3ft (1m) length. An active integrated chipset minimizes signal degradation for consistent 40Gbps output at distances of up to 6.6ft (2m), while passive cables deliver limited performance beyond 3.3ft (1m) due to signal loss.

This Active Thunderbolt 4 cable supports data transfer rates of 40 Gbps, when connected to a Thunderbolt 4, Thunderbolt 3, or USB4-compatible source and device. It is capable of transferring data four times faster than standard USB 3.2 Gen 2 (10 Gbps) cables.

USB Power Delivery 3.0

This Thunderbolt 4 cable delivers up to 100W of Power Delivery to charge a laptop or power a display, and 15W for bus-powered devices such as hard drive enclosures.

The Thunderbolt 4 cable is compatible with all USB Type-C devices and can be used to charge and sync mobile devices. In addition, this cable can be used to connect and power USB-C laptops, such as MacBook and Chromebook, and USB-C peripherals such as portable hard drives and docking stations.

The cable supports full-8K 60Hz video and DisplayPort 1.4a, and is compatible with Display Stream Compression (DSC). Use it to connect a docking station to laptop, or a laptop to a display.

The cable can be used to daisy chain up to 6 Thunderbolt 4-enabled devices, such as laptops for peer-to-peer 10GbE networking. In addition, connect two Thunderbolt 4 laptops to transfer/migrate data.

Certifications, Reports and Compatibility



Applications

• Connect Thunderbolt 4 or USB-C devices over a longer distance

• Power and charge Thunderbolt 4, Thunderbolt 3, or USB-C devices

• Connect to Thunderbolt networking devices or external PCIe chassis

Features

• HIGH PERFORMANCE: 2m (6.6ft) Active Thunderbolt 4 cable with integrated chipset delivers consistent 40 Gbps and 100W charging; Connect a Thunderbolt 4 / 3, or USB-C laptop to a docking station or UHD monitor over longer distances

• THUNDERBOLT CERTIFIED: Intel Thunderbolt-certified for guaranteed compatibility with Thunderbolt hosts and devices; DisplayPort 1.4a with DSC supports up to 8K 60Hz or dual 4K 60Hz; Compliant with PCI Express 3.0 (32 Gbps) for external PCIe devices

• QUALITY CONSTRUCTION: Coaxial wire with braided alloy shield for enhanced EMI protection; Built-in active chipset maintains signal integrity for consistent Thunderbolt 4 / USB4 performance; Robust strain reliefs on connectors for improved durability

• APPLICATIONS: Facilitate a longer Thunderbolt 4 or USB-C connection supporting full 40 Gbps, video, and power; Ideal for reliable performance in high-bandwidth applications such as external PCIe chassis/storage drives, and Thunderbolt networking devices

• SPECS: 6.6ft (2m); Thunderbolt 4 (40 Gbps); USB4 (40 Gbps), USB 3.2 Gen 2 (10 Gbps); DisplayPort 1.4a w/ DSC, HDR, 10-bit Color; 8K 60Hz; PCIe 3.0 (32 Gbps); 100W PD 3.0; 30/32 AWG (Coaxial/Twisted Pair); Cable Outer Diam.: 0.19in (4.7mm)

Hardware

Warranty	2 Years
Active or Passive Adapter	Active
Connector Plating	Nickel
Cable Jacket Material	PVC - Polyvinyl Chloride
Cable Shield Material	Aluminum-polyester foil with tinned copper braid

Performance

Video Revision	DisplayPort 1.4

	Maximum Data Transfer Rate	40 Gbps
	Maximum Cable Length	6.6 ft [2 m]
	Maximum Digital Resolutions	8K 60Hz
	Type and Rate	Thunderbolt 4 - 40 Gbit/s
		Thunderbolt 3 - 40 Gbit/s
		USB4 - 40 Gbit/s
		USB 3.2 Gen 2 - 10 Gbit/s
Connector(s)		
	Connector A	1 - Thunderbolt 4 (USB 4.0)
	Connector B	1 - Thunderbolt 4 (USB 4.0)
Power		
	Power Delivery	100W
Environmental		
	Operating Temperature	10C to 35C (50F to 95F)
	Storage Temperature	-10C to 50C (14F to 122F)
	Humidity	0 - 70% RH
Physical Characteristics		
	Color	Black
	Connector Style	Straight
	Wire Gauge	30/32 AWG
	Cable Length	6.6 ft [2 m]
	Cable OD	0.2 in [4.7 mm]
	Product Length	6.6 ft [2.0 m]
	Product Width	0.5 in [1.2 cm]
	Product Height	0.3 in [6.5 mm]

	Weight of Product	0.0 oz [0.0 g]
Packaging Information		
	Package Quantity	1
	Package Length	5.0 in [12.8 cm]
	Package Width	8.7 in [22.0 cm]
	Package Height	0.6 in [1.6 cm]
	Shipping (Package) Weight	3.1 oz [89.0 g]
What's in the Box		
	Included in Package	1 - 2m Active Thunderbolt 4 USB-C Cable

Product appearance and specifications are subject to change without notice.