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Data Sheet

Thunderbolt 3 to Thunderbolt Adapter - Windows and Mac

Product ID: TBT3TBTADAP



With this adapter, you can connect Windows and Mac based Thunderbolt™ 3 computers to older Thunderbolt devices, such as external hard drives, Thunderbolt displays, and older Thunderbolt capable Mac computers.

Because this adapter is backward compatible, you can connect to first-generation Thunderbolt devices at 10Gbps speed. With Thunderbolt 2 devices, you can connect at 20Gbps. The adapter satisfies all requirements for bi-directional data transfers and simultaneous power for bus-powered devices.



The

THUNDERBOLT™

TBT3TBTADAP is backed by a 2-year warranty for guaranteed reliability.

Learn More About Thunderbolt™

Your computer's Thunderbolt 3 ports might not function properly until you update one or more of the following on your computer:

- *BIOS*
- *Thunderbolt firmware*
- *Thunderbolt 3 controller drivers*
- *Thunderbolt 3 software*

The required updates will vary depending on your computer.

For an up-to-date list of affected computers and instructions, visit http://thunderbolttechnology.net/updates. If your manufacturer isn't listed on the Thunderbolt website, contact your manufacturer.

Certifications, Reports and Compatibility

RoHS & REACH
DOWNLOAD DECLARATION

Applications

- Connect Windows and Mac based Thunderbolt 3 computers to older Thunderbolt devices, such as external hard drives, Thunderbolt displays, and older Thunderbolt capable Mac computers

Features

- Cost-effective solution for connecting older Thunderbolt peripherals to newer Thunderbolt 3 laptops or computers
- Compatible with first-generation Thunderbolt and Thunderbolt 2 devices
- Thunderbolt Certified
- Supplies power for bus-powered devices

	Warranty	2 Years
Hardware	Cable Jacket Type	PVC - Polyvinyl Chloride
	Cable Shield Type	Aluminum-Mylar Foil with Braid
	Connector Plating	Nickel
Performance	Maximum Data Transfer Rate	10 Gbps (Thunderbolt 1) 20 Gbps (Thunderbolt 2)
Connector(s)	Connector A	1 - Thunderbolt™ 3 USB-C (24-pin) (40Gbps) Male
	Connector B	1 - Thunderbolt™ 2 (20 pin) Female
Software	OS Compatibility	Windows 8.1, 10 macOS 10.12 - 10.14
Special Notes / Requirements	**Note**	This adapter is compatible with Thunderbolt™ displays only. It will not work with Mini DisplayPort (mDP) or DisplayPort (DP) monitors. This is an 'Active' adapter cable. Any host system that doesn't provide the full 15W of bus power won't work with this device. Consult the manufacturer of your host system to determine how much bus power your host system provides. TBT3TBTADAP can pass 12W of power through the Thunderbolt 2 port
Physical Characteristics	Cable Length	7.9 in [20 cm]
	Color	Black
	Product Height	0.6 in [1.6 cm]
	Product Length	11 in [28 cm]
	Product Width	2.3 in [59 mm]
	Weight of Product	2 oz [58 g]
Packaging Information	Package Height	1 in [25 mm]
	Package Length	7 in [17.8 cm]
	Package Width	3.2 in [82 mm]
	Shipping (Package) Weight	3 oz [86 g]
What's in the Box	Included in Package	1 - Thunderbolt™ 3 to Thunderbolt Adapter

Product appearance and specifications are subject to change without notice.