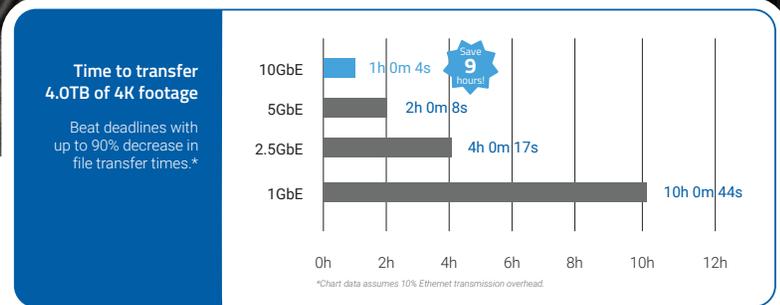




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OWC Thunderbolt 3 10G Ethernet Adapter

Thunderbolt 3

Ethernet For Everywhere You Go

A portable Ethernet supercharger, the OWC Thunderbolt 3 10G Ethernet Adapter adds up to 10Gb/s Ethernet connectivity to Thunderbolt 3-equipped computers that lack built-in capabilities. If you're a video editor, creative pro, musician, or gamer, you can experience blazing-fast transfer speeds with signal reliability, stability, and security wherever you work or play.

Connecting the Thunderbolt 3 10G Ethernet Adapter to your Thunderbolt 3-equipped Mac or PC adds warp speed file transfers to your workflow. Now you can access 10GBASE-T Ethernet networks and other devices, such as a Network Attached Storage (NAS) system, to transfer large multimedia files at over 900MB/s real-world speed. While improving project efficiency and workgroup collaboration with the quickest network connection available, the adapter is also backwards compatible with other Ethernet standards including 5GBASE-T, 2.5GBASE-T, 1000BASE-T, and 100BASE-T.

Key Features

- Over 900MB/s¹ real-world tested transfer speed
- Use with any Thunderbolt 3-equipped Mac or Windows computer
- Up to 100-meter cable distance with Cat6a for 10G, Cat6 for 5G, and Cat5e for 2.5G
- Supports auto-negotiation for 10Gb/s, 5Gb/s, 2.5Gb/s, 1Gb/s and 100Mb/s Base-T Ethernet standards
- Wake-on-LAN ready for remote access of home or work computer
- Perfect for use in pro audio and video applications where synchronization of data streams is critical²
- 2.5GBASE-T and 5GBASE-T technology (formerly NBASE-T) provides up to 500% faster performance over existing cabling³
- Supports IEEE 802.3az for low computer bus power
- Ventilated aluminum heatsink housing maximizes heat dissipating airflow

1. Speed may vary due to a variety of factors including computer configuration and network condition and configuration.
2. Requires AVB compatible switch/router.
3. Requires NBASE-T (IEEE 802.3bz) compatible switch/router.



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Tech Specs

Interface

- Thunderbolt 3
- 10Gb Ethernet (RJ45)

Network Support

- Speeds
 - 10Gb/s, 5Gb/s, 2.5Gb/s, 1Gb/s, 100Mb/s
- Cable lengths
 - 10GBASE-T: 100 meters using CAT 6A cabling; 55 meters using CAT 6 cabling
 - 5GBASE-T, 2.5GBASE-T, 1000BASE-T, 100BASE-T: 100 meters using CAT 5e or better cabling

Features

- Auto-negotiation
- Jumbo frames up to 16K
- Audio Video Bridging (AVB) - IEEE 802.1Qav
- Multicast filtering
- Interrupt coalescing
- Wake-on-LAN (WoL)
- Quality of Service (QoS)
- Flow control support
- IPv4, IPv6/TCP and IPv6/UDP checksum offload
- TCP Segmentation Offload (TSO) "Large Send Offload"
- Large Receive Offload (LRO)
- Receive-Side Scaling (RSS)
- Energy-Efficient - IEEE 802.3az

System Requirements

- Any Mac or PC with a native Thunderbolt 3 port
- Mac: macOS High Sierra 10.13.4 or later
- Windows: Windows 10, 64-bit edition, version 1709 or greater

Includes

- OWC Thunderbolt 3 10G Ethernet Adapter
- Thunderbolt 3 40Gbps cable (0.5m)
- Quick start guide

10GbE Controller

- Aquantia AQC-107S

Warranty

- 1 Year OWC Limited Warranty

Environmental (Operating)

- Temperature (F°) 41°F to 95°F
- Temperature (C°) 5°C to 35°C

Environmental (Non-operating)

- Temperature (F°) -4°F to 140°F
- Temperature (C°) -20°C to 60°C

Enclosure Dimensions

- 3.2 in (W) x 1.5 in (H) x 5.0 in (D)
- 8.0 cm (W) x 3.8 cm (H) x 12.6 cm (D)

Enclosure Weight

- 16.0 oz (0.5 kg)

Master Carton Dimensions

- 10.6 in (W) x 7.3 in (H) x 20.3 in (D)
- 26.8 cm (W) x 18.5 cm (H) x 51.5 cm (D)

Master Carton Weight - 20 pieces

- 26.2 lb (11.9 kg)

PART NUMBER	UPC	AVAILABLE
OWCTB3ADP10GBE	810586030502	now



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