tp-link

10 Gigabit
PCIe Network Adapter

Blazing-Fast 10 Gbps Networking | Multi-Speed Compatibility | Low-Profile Bracket
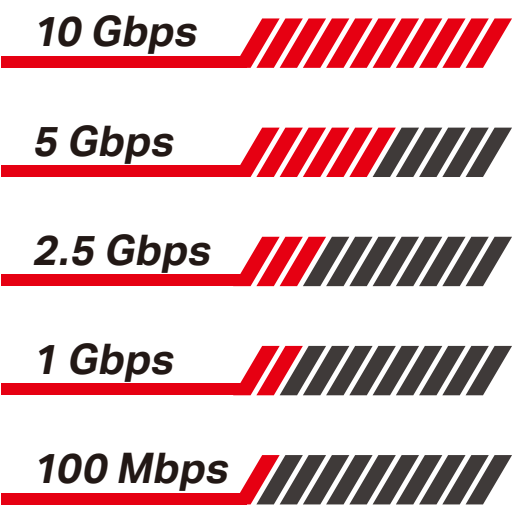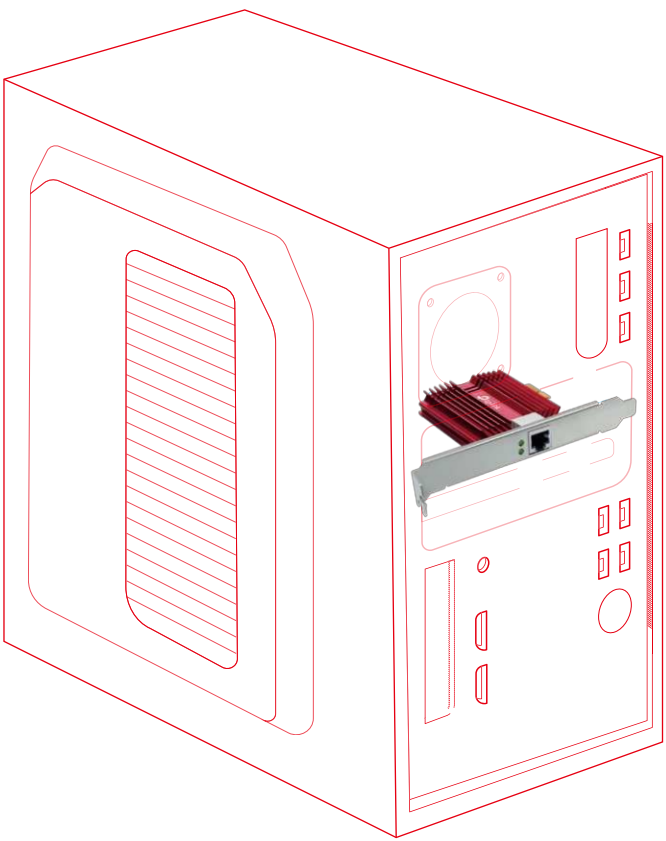
Highlights

Blazing-Fast 10 Gbps Networking

Combined with the latest 10GBase-T Technology, TX401 delivers extreme speeds of up to 10 Gbps, which is 10× faster than typical Gigabit adapters, guaranteeing smooth data transmissions for all your bandwidth-intensive tasks. This will lead you to a new era of 10 Gbps home networking.[†]

Versatile Compatibility

With extreme speed and ultra-low latency, 10GBase-T is backwards compatible with Fast Ethernet and Gigabit Ethernet, automatically negotiating between higher and lower speed connections.

10 Gbps

1 Gbps

10× Faster
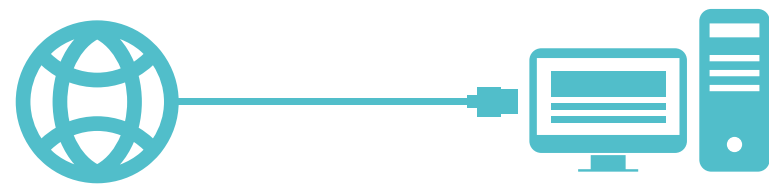
10 Gbps

5 Gbps

2.5 Gbps

1 Gbps

100 Mbps

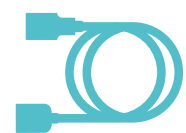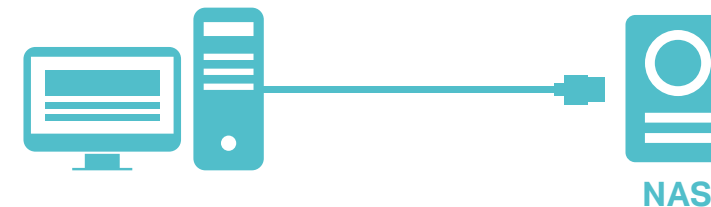Multi-Speed Compatibility

Highlights

10 Gbps Internet Access

Make Full Use of Your High-Speed Internet Access

10 Gbps NAS Connection

Lightning-Fast Local Data Transmissions

NAS

CAT6A Ethernet Cable

To maximize TX401's performance, a 1.5 m CAT6A Ethernet Cable is included—rated for up to 10 Gbps while a regular cable is only rated for 1 Gbps.

Low-Profile and Full-Height Brackets

In addition to the standard bracket, a low-profile bracket is provided for mini tower computer cases. Customized options give you the flexibility to find a bracket that perfectly fits your board design.

Comprehensive System Support

Fully compatible with Windows 10/8.1/8/7, Windows Servers 2019/2016/2012 R2, and Linux to meet your diverse operating system needs.‡

Specifications

Hardware Features

· Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE802.3an, IEEE802.3az, IEEE 802.3x

· Network Media: 10GBASE-T/5GBASE-T/2.5GBASE-T/1000BASE-T/100BASE-TX

· Data Rates:

  100 Mbps, 1 Gbps, 2.5 Gbps, 5 Gbps, 10 Gbps for Half-Duplex mode,

  200 Mbps, 2 Gbps, 5 Gbps, 10 Gbps, 20 Gbps for Full-Duplex mode

· Flow Control: 802.3x

· Interface: 1× PCI Express 3.0 x4, 1× RJ45 Gigabit/Megabit Port

· LEDs: 10 Gbps Link/Act, 5 / 2.5 / 1 Gbps and 100 Mbps Link/Act

· Dimensions: 120.8 × 98.2 × 21.5 mm (4.8 × 3.9 × 0.8 in)

Others

· Package Contents

  10 Gigabit PCIe Network Adapter (TX401)

  Standard/Low-Profile Brackets

  Quick Installation Guide

  Resource CD

  1.5 m CAT6A Ethernet Cable

· Certification

  FCC, CE, RoHS

· System Requirements

  Windows 10/8.1/8/7, Windows Servers 2019/2016/ 2012 R2, Linux[‡]

· Environment

  Operating Temperature: 0°C~40°C (32°F ~104°F)

  Operating Humidity: 10%~90% non-condensing

  Storage Humidity: 5%~90% non-condensing

For more information, please visit

https://www.tp-link.com/products/details/?model=TX401_V1

or scan the QR code left