TP TX201

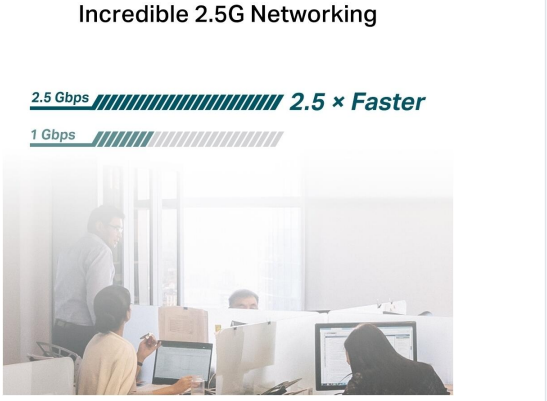
TP-Link TX201 2.5 Gigabit PCI-e Network Adapter

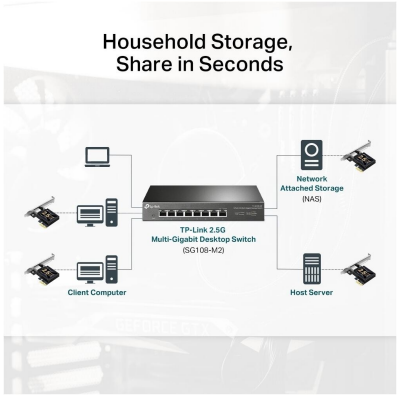
Product Overview

TP-Link TX201 2.5 Gigabit PCI-e Network Adapter, PCI Express 2.1 x1, Data rates up to 2.5 Gbps for Half-Duplex mode, Data rates up to 5 Gbps for Full-Duplex mode, LED indicators









Specifications

Overview Summary:

Upgrade your desktop connectivity with the TP-Link TX201, a high-performance 2.5 Gigabit PCI Express network adapter designed for South African users seeking faster data transfer and lower latency. This versatile adapter unlocks Multi-Gig bandwidth capabilities, making it ideal for bandwidth-intensive tasks like gaming, streaming, and large file transfers between local storage devices. Whether you are on Windows or Linux, the TX201 ensures a smooth and responsive online experience with automatic negotiation across various Ethernet speeds.

Equip your system today to enjoy blazing-fast internet response times without network congestion. Don't settle for slower standard Gigabit connections; upgrade now to take full advantage of modern multi-gig networks. Buy now from our South African store and experience the difference in performance immediately.

Performance tier: High Performance

Uses: Gaming, Local Data Transfer, Streaming, Network Upgrades, Office Connectivity

Overview:

The TP-Link TX201 is a high-performance network adapter designed to unlock the full potential of modern Multi-Gigabit networks. By delivering speeds up to 2.5 Gigabits per second, this device offers a significant upgrade over standard Gigabit connections, making it ideal for bandwidth-intensive tasks like large file transfers, cloud backups, and lag-free gaming. The TX201 ensures ultra-low latency and seamless connectivity, allowing users to experience blazing-fast data rates without the need to replace their existing cabling infrastructure.

Description:

The TP-Link TX201 (Part Number: TP TX201) brings exceptional networking speed directly to your desktop or workstation. This adapter is engineered for versatility, automatically negotiating connection speeds from 10 Mbps up to a rapid 2.5 Gbps depending on the network environment. Whether you are streaming high-definition video, playing competitive online games, or transferring massive files between local storage devices, this card provides the stability and throughput required for a smooth experience. It comes with both standard and low-profile brackets, ensuring easy installation in various PC chassis types.

Features:

Unleash Blazing Fast 2.5G Performance
Experience networking speeds that are two-and-a-half times faster than traditional Gigabit Ethernet. The TX201 supports 2.5GBASE-T connectivity, enabling data transfer rates up to 2.5 billion bits per second. This increase in bandwidth eliminates bottlenecks during heavy usage scenarios, ensuring that your local area network can keep pace with your high-speed internet connection or external storage devices.

This adapter is perfect for building a fast transport channel between central storage and multiple workstations, allowing you to handle large data sets with ease. Gamers will benefit from reduced latency and faster download times, while professionals can rely on consistent performance for real-time collaboration and streaming. The Quality of Service (QoS) technology further optimizes network traffic, prioritizing critical applications to prevent congestion during peak usage.

Versatile Compatibility and Easy Installation
The TX201 is designed with flexibility in mind, offering backward compatibility with Fast Ethernet and Gigabit connections. The 2.5G Base-T port automatically detects the speed of your network equipment and negotiates the optimal connection rate, making it a future-proof upgrade that works seamlessly with existing routers and switches.

- Fully supports Windows 11, 10, 8.1, 8, and 7 operating systems
- Compatible with Windows Server versions including 2022, 2019, 2016, 2012 R2, and 2008 R2
- Supports Linux environments for versatile deployment options
- Includes both standard height and low-profile brackets to fit mini-tower cases or full-size towers

Technical Specifications and Hardware Details:

The TX201 adheres to industry standards including IEEE 802.3, 802.3u, 802.3ab, 802.3bz, and 802.3x for reliable communication. It features a PCI Express 2.1 x1 interface and utilizes an RJ45 port to support 2.5GBASE-T, 1000BASE-T, and 100BASE-TX media types.

Connectivity and Speed

- Data Rates: Supports 10 Mbps, 100 Mbps, 1 Gbps, and up to 2.5 Gbps in half-duplex mode
- Full-Duplex Capability: Handles speeds ranging from 20 Mbps to 5 Gbps for maximum throughput
- LED Indicators: Provides visual feedback for link status and activity at 2.5, 1, or 10/100 Mbps

Physical Dimensions and Environment

- Dimensions: 120.8 x 98.2 x 21.5 mm (4.8 x 3.9 x 0.8 in)
- Operating Temperature: 0degrees C to 40degrees C (32degrees F ~ 104degreesF)
- Humidity Tolerance: Operates between 10% and 90% non-condensing humidity

What's in the box

Purchase of the TP-Link TX201 ensures you receive everything needed for a quick setup. The package includes the main network adapter unit, along with both standard and low-profile mounting brackets to accommodate different computer case designs. You will also find a Quick Installation Guide to assist with initial configuration and a Resource CD containing necessary drivers and software utilities.

All products are certified by regulatory bodies including FCC, CE, and RoHS, ensuring safety and compliance for global use. The TX201 is the ideal solution for anyone looking to upgrade their home or office network to handle modern data demands efficiently.

Specifications:

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Specifications	
Product Code	TP TX201
HARDWARE FEATURES	
Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3x
Interface	1 x PCI Express 2.1 x 1, 1 x RJ45 Gigabit/Megabit Port
Network Media	2.5GBASE-T/1000BASE-T/100BASE-TX
LED	2.5 Gbps, 1 Gbps, and 100/10 Mbps Link/Act
Data Rates	10Mbps, 100 Mbps, 1 Gbps, 2.5 Gbps for Half-Duplex mode
	20Mbps, 200 Mbps, 2 Gbps, 5 Gbps, for Full-Duplex mode
Dimensions	120.8 x 98.2 x 21.5 mm (4.8 x 3.9 x 0.8 in)
Flow Control	802.3x
OTHERS	
Certification	FCC, CE, RoHS
Package Contents	2.5 Gigabit PCIe Network Adapter (TX201)
	Standard/Low-Profile Brackets
	Quick Installation Guide
	Resource CD
System Requirements	Windows 11 / 10 / 8.1 / 8 / 7, Windows Servers 2022 / 2019 / 2016 / 2012 R2 / 2012 / 2008 R2, Linux
Environment	Operating Temperature: 0degreesC~40degreesC (32degreesF ~104degreesF)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

FAQ

Does the TP-Link TX201 support older network speeds?
The adapter features backwards compatibility, automatically negotiating between 2.5 Gbps, 1 Gbps, 100 Mbps, and 10 Mbps connections to work seamlessly with existing Fast Ethernet or Gigabit networks.

Will this card fit in smaller computer cases like mini towers?
Yes, the package includes both a standard bracket and a low-profile bracket, allowing you to customize the installation for either full-height or compact mini tower designs.

Is the TX201 compatible with my operating system?
This network adapter supports Windows 11, 10, 8.1, 8, and 7, as well as various Windows Server versions including 2022 and 2019, and Linux systems.

How does this card improve gaming or streaming performance?
The 2.5 Gigabit speed provides up to 2.5x faster data rates than standard Gigabit Ethernet, while QoS technology ensures smooth web experiences by reducing latency and preventing network congestion during heavy usage.

What is included in the box with the PCI-e Network Adapter?
The package contains the TX201 adapter unit, both standard and low-profile mounting brackets, a Quick Installation Guide, and a Resource CD for drivers and setup.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/TP-TX201-TP-Link-TX201-2-5-Gigabit-PCI-e-Network-Adapter-p-342132.php

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