



## NGS16TP

### (16-Port 10/100/1000Base Gigabit Ethernet Switch)

- \* 16-port 10/100/1000Base-T RJ-45, Auto-MDI/MDI-X, Auto-Negotiation
- \* IEEE 802.3az Energy Efficient Ethernet (EEE)
- \* Non-Blocking Switching Capability
- \* Ethernet Port on the Rear Design
- \* Support 9K Jumbo Frame
- \* 13" Metal Case
- \* Internal Power Supply

**More information:**

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# Product Specification

## Introduction

NGS16TP is a 16-port 10M/100M/1000M Desktop Gigabit Ethernet Switch that is designed for small or medium network environment to strengthen its network connection. This product is compact size, making it ideal for Desktop users with limited space. It also gives you the option of installing it in a 13" cabinet by rack-mount kits or underneath a desk.

## High-Speed Networking and Jumbo Frames Support

NGS16TP provides an excellent solution for expanding your Gigabit network. By Gigabit speed, this product provides high flexibility and high bandwidth connectivity to servers, workstations and other attached devices. It enables you to save time transferring large files. In addition, it also supports Jumbo Frames 9.6K to improve network utilization of large file transfers.

## Auto-MDI/MDI-X

Every port can automatically sense if the connected network devices are running at 10/100Mbps or 1000Mbps and Half/Full-Duplex mode, and adjust accordingly.

## Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 2000Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

## Store and Forward

By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.



## Specifications

<b>Standards</b>	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.ab 1000BaseT IEEE 802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet (EEE)
<b>Features</b>	Number of Ports: 16 x 10/100/1000M RJ-45 Port on the Rear MAC Address: 8K Buffer Memory: 4Mb Jumbo Frame: 9.6KB Transmission Method: Store and Forward
<b>Filtering/Forwarding Rates</b>	1000Mbps port – 1,488,000pps 100Mbps port - 148,800pps 10Mbps port - 14,880pps
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
<b>Led Indicators</b>	Per Port LED: 10/100M Link/Act; 1000M Link/Act (Green On/Quick Blinking) System: On - Power On (Amber)
<b>Power Requirement</b>	100~240V/AC, 50~60Hz
<b>Power Consumption</b>	15 Watts (Max)
<b>Dimensions</b>	330x 210 x 44 mm (W x D x H)
<b>Weight</b>	2 kg
<b>Operating Temperature</b>	0 to 40°C
<b>Storage Temperature</b>	-20 to 90°C
<b>Humidity</b>	10 to 90% RH (non-condensing)
<b>Certifications</b>	CE, FCC Class B Safety: UL (UL60950-1), CB(IEC60950-1)