

# 16-port Fast Ethernet Switch

ND-820-16TX



## FEATURES

- Provide 16 10/100M adaptive RJ45 ports
- All ports can achieve wire-speed forwarding;
- LED dynamic indicators for easy status indication and troubleshooting
- Low power fanless design, eliminating noise interference and improving product stability
- Support port automatic flip, more convenient to use
- Support MAC address self-learning

Newbridge® The ND-820-16TX 16-port 100M unmanaged switch allows you to quickly, reliably and efficiently build wired networks in your home or office. The switch is designed to enhance the performance of small workgroups while providing network flexibility. The device is easy to use, users only need to connect the device to any port via a network cable. The ND-820-16TX can be connected to multiple computers for file sharing. Share your internet connection by connecting it to your router.

ND-820-16TX does not use wind Fan, can work quietly, so that you can watch streaming media from the network and browse the web quietly.

The ND-820-16TX is a plug and play device. Easily connect multiple computers with no configuration required for file, music and video sharing on a home or small office network. When the port's buffer is full, the 802.3x flow control feature minimizes packet loss, providing a more reliable data transfer connection for connected devices.

ND-820-16TX can adapt to 10/100Mbps ports. Each port has LED indicators to indicate link connectivity and activity. These ports can detect network speed and auto-negotiate between 10BASE-T and 100BASE-TX, as well as full-duplex and half-duplex, to provide the best possible network speed for every device connected to the network. The ND-820-16TX also supports automatic MDI/MDIX recognition, allowing you to use regular pass-through twisted pair cable to connect each port to a server, hub, router or other switch

## Specifications

|                   |   |
|-------------------|---|
| Product Name      | 16 Port 10/100M Fast Ethernet switch  |
| Product Model     | ND-820-16TX   |
| Interface         | 16x 10/100Base-T ports  |
| Network Protocols | IEEE 802.3 10BASE-T;<br>IEEE 802.3u 100BASE-TX<br>ANSI/IEEE802.3NWay auto-negotiation<br>IEEE 802.3x flow control |



Shenzhen Newbridge Communication Equipment CO.,LTD.

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|---------------------------|--|
| Network Media             | 10BASE-T: Cat3,4,5 UTP<br>100BASE-TX: Cat5 or later UTP  |
| Performance Specification | Bandwidth: 3.2Gbps<br>Packet Buffer Memory:1Mbits<br>10 Mbps Packet Forwarding Rate: 14880 pps/port<br>100Mbps Packet Forwarding Rate:148800 pps/port<br>MAC Address Table: 2K<br>Switching Delay: <10us |
| Forwarding Mode           | Store-and-Forward  |
| LED Indicators            | Power: PWR; Link: Link/Act   |
| Power Supply              | Input Power: 100-240V ~ 50/60Hz AC<br>Working Consumption : <1W  |
| Working Environment       | Working temperature: 0~+40℃ ;<br>Storage temperature: -40~+70℃<br>Relative Humidity: 5%~90 % ( no condensation)  |
| Packing List              | 1×Industrial16-port Fast Ethernet Switch<br>1×User Manual/Certificate of quality/Warranty card<br>1×Power Adapter  |
| MTBF                      | 300,000 hours  |
| Weight & Size             | Product Weight: 0.79 KG<br>Product size (L×W×H): 156mm x 123mm x 38mm  |

## Order Information

| Part No     | Description of product                  | Unit |
|-------------|---|------|
| ND-820-16TX | 16*10/100M Base-Tx Fast Ethernet Switch | pc   |