Product brochure

TRIPP LITE SERIES

Eaton Tripp Lite series unmanaged Ethernet switches

Bring fast speeds and power options to small and medium networks

Eaton's Tripp Lite series unmanaged Ethernet switches provide the fast speeds required for data-intensive applications like network-attached storage, cloud computing and VoIP. Ideal for small and medium networks, the switches provide an easy way to route network traffic in applications that do not require full management of data traffic.

Use unmanaged switches in home offices, small offices or creative production environments to share large files, such as CAD drawings and videos, at fast speeds to improve efficiency and reduce downtime. Most switches also offer options for powering Power over Ethernet (PoE+) devices, including wireless LAN access points, VoIP phones and IP video cameras.

Key features

Quick LAN connections

- Switches feature auto-negotiating 2.5 Gigabit Ethernet or 1 Gigabit Ethernet (10/100/1000 Mbps) RJ45 ports.
- MDI/MDIX crossover detection allows the RJ45 ports to automatically detect and choose the connection required without using special crossover cables for uplinks.

Plug-and-play setup

- Switches are unmanaged for fast deployment. There is no software to download or settings to configure before use.
- Port LEDs indicate network connection and activity status.

Error-free forwarding

- Store-and-forward switching stores a complete frame and checks it for errors before forwarding it to its destination. Frames with errors are discarded, preventing disruptions to network traffic.

Durable construction

- All switches have a metal housing for maximum durability.
- Desktop switches have bottom-panel slots for wall-mount installation.
- Rack-mount switches occupy 1U of rack space in 19-inch server racks. The mounting ears are removable.

Efficient operation

- The switches support IEEE 802.3az Energy Efficient Ethernet standards. Unused ports enter a low-power state without interrupting network connections.

Fiber optic uplinks (select models)

- SFP uplink ports accept SFP (small form-factor pluggable) transceivers that transmit data over fiber optic cable. Fiber cables support connections over much longer distances than copper cables.

Power for PoE devices (select models)

- PoE+ ports support Power over Ethernet to power connected PoE devices, such as IP phones, wireless access points and security cameras. Generous PoE budgets support more high-wattage devices.
- Model NG5POE-1 has a powered device port for connection to an IEEE 802.3af/at-compliant PoE injector, midspan or PoE switch. The NG5POE-1 can draw power from the connected switch to power itself and pass the surplus power to its other ports. In this case, the included power adapter does not need to be used.

Port isolation (models NG8POE-1 and NG16-1)

- Models NG8POE-1 and NG16-1 have a switch to enable port isolation (private VLAN), where ports are isolated from one another but have access to the uplink port.

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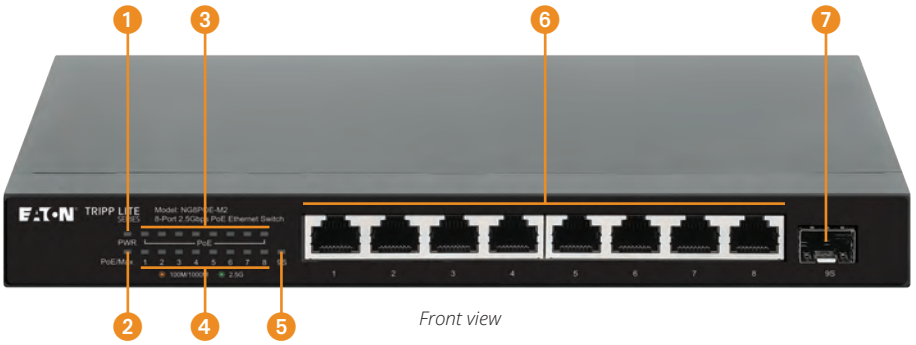
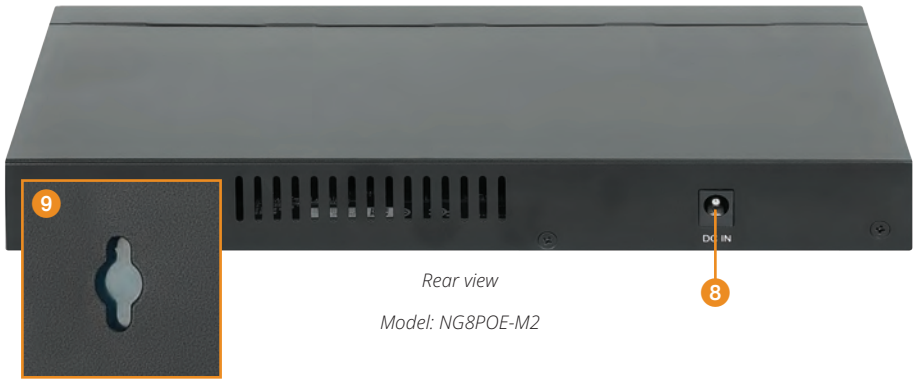
Feature focus (See TrippLite.Eaton.com for model-specific configurations.)

1. **Power on/off LED**
2. **PoE/Max LED**
   Illuminated LED indicates PoE budget is available.
3. **PoE activity/status LEDs**
   Multi-function LEDs indicate active power output and identify faults.
4. **Ethernet port activity/status LEDs**
   Multi-function LEDs indicate port activity and data transmission speed.
5. **SFP port activity/status LED**
   The LED indicates port activity and transmission speed of the SFP uplink port.
6. **2.5 Gigabit Ethernet ports/PoE+ ports**
7. **SFP optical uplink port**
8. **Power inlet for detachable power cord**
   North American and European cords are included.
9. **Keyhole mounting slots**
   Slots on the bottom of the switch enable mounting to a wall or other flat surface.



Front view



Rear view

Model: NG8POE-M2

Specifications

Catalog number	RJ45 Ethernet ports	PoE+ ports and budget	10 Gb SFP+ Ports	Switching capacity (full duplex)	AC input connection
Unmanaged desktop 2.5 Gigabit Ethernet switches					
NG5POE-M2	5 (2.5 Gbps)	4 30W ports, 70W budget	1	45 Gbps	External power supply; NEMA 5-15P or Schuko
NG8POE-M2	8 (2.5 Gbps)	8 30W ports, 100W budget	1	60 Gbps	External power supply; NEMA 5-15P or Schuko
Unmanaged desktop Gigabit Ethernet switches					
NG5-1	5 (1 Gbps)	—	—	10 Gbps	External power supply, NEMA 1-15P
NG5POE-1	5 (1 Gbps)	4 30W ports, 60W budget via AC power, 26W budget via powered device input	—	10 Gbps	PoE or external power supply, NEMA 5-15P or Schuko
NG8-1	8 (1 Gbps)	—	—	16 Gbps	External power supply, NEMA 1-15P
NG8POE-1	8 (1 Gbps)	8 30W ports, 60W budget	—	16 Gbps	External power supply, NEMA 5-15P or Schuko
Unmanaged rack-mount Gigabit Ethernet switches					
NG16-1	16 (1 Gbps)	—	—	32 Gbps	C14 inlet; C13 to C14 cord
NG16POE-1	16 (1 Gbps)	16 30W ports, 220W budget	—	32 Gbps	C14 inlet; C13 to C14 cord
NG24-1	24 (1 Gbps)	—	—	48 Gbps	C14 inlet; C13 to C14 cord

Due to continuous improvement programs, all specifications are subject to change without notice. Nominal AC input is 100–240V, 50/60 Hz. All models have a 3-year limited warranty. IEEE certifications vary by model. See TrippLite.Eaton.com for the most up-to-date specifications.

Learn more about Tripp Lite series unmanaged network switches at TrippLite.Eaton.com

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