

Specifications

Eaton NG16POE-1



16-Port 10/100/1000 Mbps Gigabit Ethernet Unmanaged Switch with PoE+, 220W, Metal Enclosure, 1U Rack

General specifications

PRODUCT NAME	Eaton Tripp Lite series unmanaged ethernet switch
CATALOG NUMBER	NG16POE-1
UPC	037332287229
PRODUCT LENGTH/DEPTH	8.1 in
PRODUCT HEIGHT	1.7 in
PRODUCT WIDTH	17 in
PRODUCT WEIGHT	8.38 lb
COMPLIANCES	IEEE Certified FCC Class B REACH UKCA RoHS CE Marked
CERTIFICATIONS	IEC 62368-1 CSA Std. C22.2 UL 62368-1
GLOBAL CATALOG	NG16POE-1
PRODUCT TYPE	Unmanaged ethernet switch

Product specifications

TYPE

- Fanless
- Unmanaged Switch

INPUT PLUG TYPE

C14

PACKAGE CONTENTS

NG16POE-1 16-Port
Gigabit Ethernet
Unmanaged Switch with
PoE+
(8) Bracket screws
(2) Rack-mounting
brackets
(4) Rubber feet
Owner's manual
Detachable C13 to C14
power cord, 5 ft. (1.5 m)

PRODUCT FEATURES

Auto MDI/MDIX Crossover
Detection
MAC Auto Learning

PRODUCT HIGHLIGHTS

Consumes just 10W
maximum input power to
help you save energy costs

Unused ports shift into
low-power state without
interrupting network
connection
Designed for either
desktop installation or 1U
rack mounting with
included hardware
16 twisted-pair auto-
negotiable RJ45 ports
support auto MDI/MDIX
functionality
Supports PoE to save you
expense and effort of
powering PoE devices
individually

FORM FACTOR

Desktop
Rackmount

VOLTAGE COMPATIBILITY (VAC)

100 - 240 VAC

NETWORK COMPATIBILITY

1 Gbps (Gigabit)

NUMBER OF PORTS (OTHER)

16

POWER CONSUMPTION - MAX

400 W

POWER CONSUMPTION DETAIL

Maximum power
consumption is at 100%
switching capacity with
247W POE consumption.

ELECTRICAL

220W

Resources

CONSUMPTION (MAX POE LOAD)	
ELECTRICAL CONSUMPTION (MAX)	260W
POE CAPABILITY	30W (802.3at)
POE POWER BUDGET (WATTS)	220
POE SUPPORTED PORTS	16
PORTS DETAIL	16x 10/100/1000BASE-T
COLOR	Black
CORD LENGTH	5 ft
FORM FACTORS SUPPORTED	Desktop, Rackmount
MATERIAL	Metal
OPERATING HUMIDITY RANGE	10% - 90%, RH (Non-condensing)
OPERATING TEMPERATURE	• 32° to 104°F (0° to 40°C) • 32° to 104°F (0° to 40°C)
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RACK HEIGHT	1U
RACK UNITS	1
MINIMUM REQUIRED RACK DEPTH	8.18 in
RELATIVE HUMIDITY	10% to 90% (Non-Condensing)
STORAGE TEMPERATURE RANGE	-14° to 158°F (-10° to 70°C)
NETWORK COMPATIBILITY DETAILS	Auto-negotiable
NOMINAL INPUT VOLTAGE DESCRIPTION	100-240V AC nominal input
LED INDICATOR	Power LED (Green for Power ON); One LED per RJ45 port (Green indicates 10/100/1000Mbps link; Yellow indicates 10/100Mbps link; LEDs flash to indicate port activity); One PoE LED per RJ45 port (Green indicates PoE connection)
RECOMMENDED CATEGORY CABLE	Cat5e, Cat6, Cat6a
SFP UPLINK PORTS	0
STORAGE HUMIDITY RANGE	10% - 90%, RH (Non-condensing)

SWITCHING CAPACITY	32Gbps
SWITCHING CAPACITY DETAILS	2 Gbps per port with full duplex
JUMBO FRAMES	10000
MAC ADDRESSES	8192
FANS (TYPE/QUANTITY)	Fanless
NETWORK SWITCH PORTS	10/100/1000 (RJ45)
POE TYPE	Type 2 PoE+ (30W, IEEE 802.3at)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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