

EX1616W Series

Web-Smart 16-port 10/100BASE-TX and 1-port 100BASE-FX
Ethernet Switch



Overview

EtherWAN's EX1616W Series is a Web-smart Fast Ethernet switching platform, designed for easy deployment in small business or enterprise environments.

The EX1616W Series is equipped with sixteen ports, with the combination of sixteen Fast Ethernet copper ports and one expansion fiber slot. Although web-managed, the EX1616W is feature rich with full wire speed Fast Ethernet throughput, making the EX1616W Series a powerful network switch.

Users are able to access management features such as; IP configuration, QoS, VLANs, trunking and via web browser interfaces.

EtherWAN – "When Connectivity is Crucial."

Spotlight

• Fiber Uplink

- Modulized fiber port configurations

• Web-Smart

- Web management for port configuration, port-base VLAN, Trunking and QoS

• Built-in AC Power Supply

- For hassle-free power input

Hardware Specifications

Technology

Standards

- IEEE802.3, 10BASE-T
- IEEE802.3u, 100BASE-TX
- IEEE802.3x, Full duplex flow control

Forward and Filtering Rate

- 14,880pps for 10Mbps
- 148,810pps for 100Mbps

Packet Buffer Memory

- 1.5M bits

Processing Type

- Store-and-Forward
- Auto Negotiation
- Half-duplex back-pressure and IEEE802.3x full-duplex
- flow control
- Auto MDI/MDIX

Address Table Size

- 4096 MAC addresses

Power

Input

- 100 - 240VAC, 50 - 60Hz Internal Universal PSU

Power Consumption

- 11.7W Max. (EX1616W)
- 15.6W Max. (EX1624W)

Mechanical

Casing

- Metal Case

Dimensions

- 440mm (W) x 207mm (D) x 44mm (H)
(17.32" (W) x 8.15" (D) x 1.73" (H))
- Standard 19" rack-mount size, one-unit-height

Weight

- 2.8Kg (6.16lbs.)

Installation

- Rack Mounting

Interface

Ethernet Port

- 10/100BASE-TX: 16 ports
- 100BASE-FX: 1 port

LED Indicators

- Per Unit: Power Status (Power)
- Per Port: 10/100TX, 100FX: Link/Activity

Environment

Operating Temperature

- 0°C to 45°C (32°F to 113°F)

Storage Temperature

- -10°C to 70°C (14°F to 158°F)

Ambient Relative Humidity

- 10% to 95% (non-condensing)

Regulatory Approvals

ISO

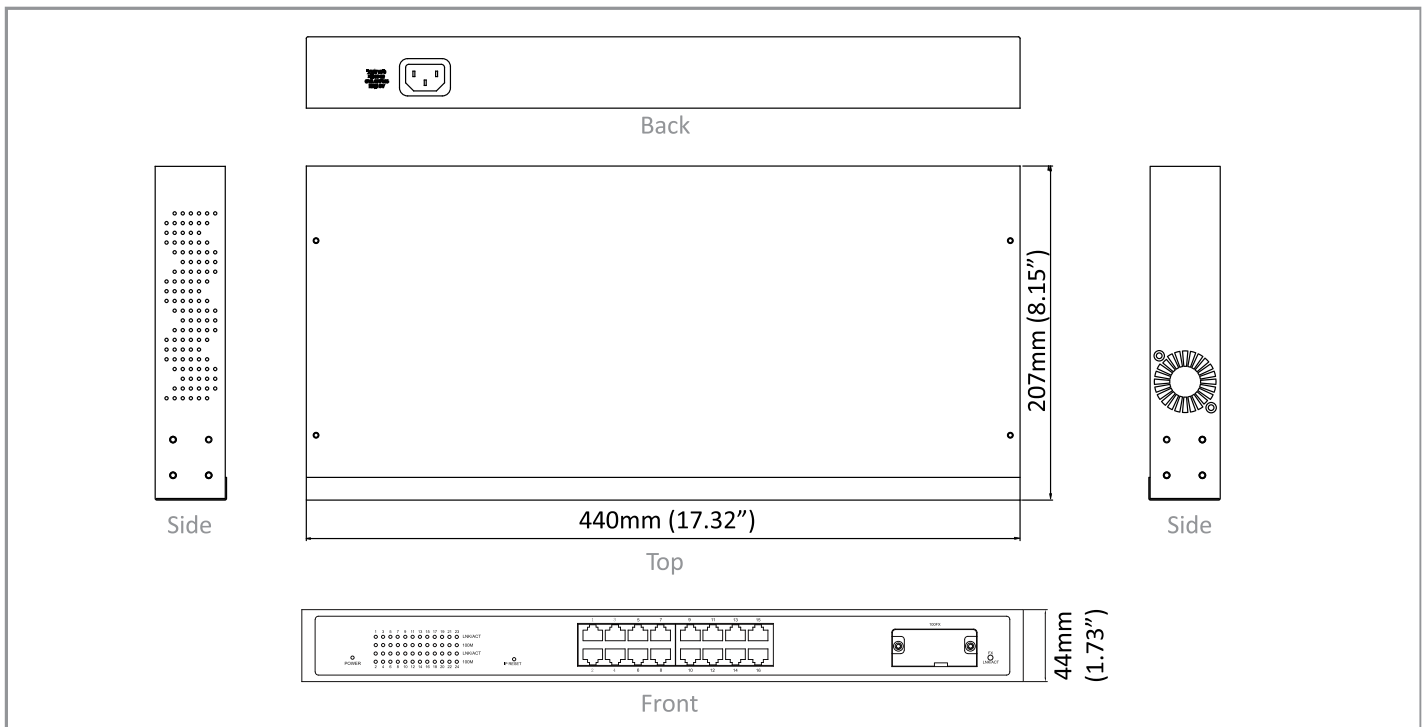
- Manufactured in an ISO9001 facility

Emission Compliance

CE Mark Class A

FCC Part 15 B ClassA

Dimensions



Ordering Information

Model

EX1616W	16-port 10/100BASE-TX + 1 slot for M100M Series Modules
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M100M Series Modules

FC100M	1-port 100BASE-FX Multi Mode (SC) -2Km Module
FC100M-20	1-port 100BASE-FX Signal Mode (SC) -20Km Module
FM100M	1-port 100BASE-FX Multi Mode (MT-RJ) -2Km Module
FT100M	1-port 100BASE-FX Multi Mode (ST) Module 1-port 100BASE-FX Multi Mode (MT-RJ) -20Km Module
FV100M	1-port 100BASE-FX Multi Mode (VF-45) Module
SFC115M	1-port 100BASE-FX Single Mode (SC) -15Km Module
SFC140M	1-port 100BASE-FX Single Mode (SC) -40Km Module
SFT120M	1-port 100BASE-FX Single Mode (ST) -20Km Module
SFC175M	1-port 100BASE-FX Single Mode (SC) -75Km Module
SFCA120M	1-port 100BASE-FX Single Mode (SC) WDM-TX:1310nm/RX:1550nm -20Km Module
SFCB120M	1-port 100BASE-FX Single Mode (SC) WDM-TX:1550nm/RX:1310nm -20Km Module
SFCA140M	1-port 100BASE-FX Single Mode (SC) WDM-TX:1310nm/RX:1550nm -40Km Module
SFCB140M	1-port 100BASE-FX Single Mode (SC) WDM-TX:1550nm/RX:1310nm -40Km Module