

Xpresso 1616CD and Xpresso 1624CD

**16/24-port 10/100BASE-TX Fast Ethernet Switch plus
Optional 1-port 100BASE-FX Fiber Module**



Performance and versatility

OvisLink foresaw the need for a versatile, Ethernet switch for enterprise use. The result, the Xpresso 1616CD and the 1624CD, became one of the most popular units, filling high bandwidth needs with 16 or 24 ports. Considering the ease of rackmount installation, and uncomplicated yet powerful features, its popularity is no surprise.

Expansion with modules

This Xpresso duo features an optional expansion-slot with a surprisingly large array of modules. With such variety, this module can serve the following needs:

- ▶ Extend to distances up to 75 kilometers with single-mode fiber in 3 offerings (either 15, 40 or 75 km)
- ▶ Match multi-mode pairs with compatible ST, SC, MT-RJ, or VF-45 fiber-modules
- ▶ Retain legacy equipment with BNC or 10BASE-FL fiber ST connector

Flexible LAN configuration

Configuration of your LAN is quickly accomplished. The Xpresso 1616CD and the Xpresso 1624CD offers port-based VLAN, which easily segments or isolates traffic. This provides security and reduces unnecessary traffic without external devices such as routers. Trunking gives extra bandwidth of up to 400 Mbps between two connected switches. Another feature offers the ability to regulate standard back-pressure and auto-negotiation on individual ports. OvisLink offers the flexibility that you need with the ease of operation that you require.

OvisLink verifies that the Xpresso switches run full wire-speed by using true, non-blocking architecture. Reliability, high bandwidth, and versatile features define the Xpresso 1616CD and the Xpresso 1624CD.

Key Feature

- 16 or 24 ports
- 1 expansion slot for optional module
- VLAN (port-based)
- Trunking
- Compliant with IEEE Ethernet standards
- Speed & duplex modes configuration through console port for individual ports
- Auto-negotiation for optimum speed and duplexity on TX ports
- Back-pressure and IEEE 802.3x compliant flow control
- True non-blocking switch architecture
- Full wire-speed forwarding rate
- 2K MAC address
- Reset button located on front panel
- Port-status LEDs located on front panel
- Rackmount size with mounting brackets

Technical Specification

Xpresso 1616CD & 1624CD

▶ 16/24 port 10/100BASE-TX Fast Ethernet Switch

▶ One port 100BASE FX Fiber Module

LED Reports:

▶ Per unit Power status

▶ Per port TX port: LNK/ACT, 100(Mbps), FDX/COL (3 LEDs)
FX port: 100(Mbps)/Tx, 10(Mbps)/Rx, FDX/COL

Ethernet Standards:

▶ Ethernet Standards: IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX/FX

Cable:

m (328 ft)

▶ 100BASE-TX 2-pair UTP Cat. 5, Up to 100 m (328 ft)

▶ 100BASE-FX 62.5/125gm multi-mode fiber optic cable, up to 2000m (6560 ft)

▶ 100BASE-FX 10/125gm single-mode fiber optic cable, up to 75 km (46.5 mile)

Switching Method:

▶ Store-and-Forward

Forwarding Rate:

100Mbps

▶ 10BASE-T 2-pair UTP Cat. 3, 4, 5, Up to 100

▶ 14,880pps for 10Mbps; 148,800pps for

Physical Specification

AC Input: 100~260VAC, 47~63Hz internal universal power supply

Input Fuse: 2A

Power Consumption: 30W max.

Operating Temperature: 0 C~ 40 C(32 F~ 104 F)

Storage Temperature: -25 C~70 C(-13 F~ 158 F)

Humidity: 10%-90% non-condensing

Emission Compliance: FCC part 15 class A, CE Mark, VCCI Class A

Safety: UL

Dimensions: W440 mm * D205 mm * H45 mm (17.3" * 8.0" * 1.8")

Standard 19" rack-mount size, one-unit-height

Net weight: 2.8kg (6.2lb) max.

Ordering Information

Xpresso1616CD: 16-port 10/100BASE-T/TX Fast Ethernet Switch with optional 1-port module M100 series

Xpresso1624CD: 24-port 10/100BASE-T/TX Fast Ethernet Switch with optional 1-port module M100 series

FT100 : one-port 100BASE-FX module (multi-mode fiber ST)

FC100 : one-port 100BASE-FX module (multi-mode fiber SC)

FV100 :one-port 100BASE-FX module (multi-mode fiber VF-45)

FM100 :one-port 100BASE-FX module (multi-mode fiber MT-RJ)

SFC115 :one-port 100BASE-FX module (single-mode fiber SC), up to 15 km

SFC140 :one-port 100BASE-FX module (single-mode fiber SC), up to 40 km

SFC175 : one-port 100BASE-FX module (single-mode fiber SC), up to 75 km

TX100 :one-port 10/100BASE-TX module, RJ-45 connector

BNC10 :one-port 10BASE-2 module, BNC connector

FL10 :one-port 10BASE-FL fiber module,ST connector