

XM-4000 Module Series

Modules for MRX modular managed switches

Features and Benefits

- Up to 16 Ethernet ports
- Hot-swappable

Preliminary



Introduction

The XM-4000 Module Series includes Gigabit and 2.5 Gigabit Ethernet modules and fan modules for MRX-G4000/Q4000 Series modular managed Ethernet switches. Each XM-4000 Series Ethernet module supports up to 16 ports with a variety of interface types, including TX and SFP media types. Additionally, the XM-4000-FAN fan modules provide active heat dissipation and high ventilation efficiency for cabinet environments.

Specifications

Ethernet Interface	
1000BaseT(X) Ports (RJ45 connector)	XM-4000-16GTX: 16
1000/2500BaseT(X) Ports (RJ45 connector)	XM-4000-16QGTX: 16
1000BaseSFP Slots	XM-4000-16GSFP: 16
1000/2500BaseSFP Ports	XM-4000-16QGSFP: 16
Physical Characteristics	
Weight	XM-4000-16GTX: 700 g (1.4 lb) XM-4000-16QGTX: 700 g (1.4 lb) XM-4000-16GSFP: 500 g (1.2 lb) XM-4000-16QGSFP: 500 g (1.2 lb) XM-4000-FAN-R: 100 g (0.2 lb)
Airflow	XM-4000-FAN-R: Rear-to-front
MTBF	
Time	XM-4000-16GTX: 8,740,912 hrs XM-4000-16QGTX: 2,830,777 hrs XM-4000-16GSFP: 4,263,664 hrs XM-4000-16QGSFP: 4,263,664 hrs
Standards	Telcordia (Bellcore), GB
Warranty	
Warranty Period	5 years
Details	See www.moxa.com/warranty

Package Contents

Device	1 x XM-4000 Series module
Documentation	1 x warranty card

Ordering Information

Model Name	1000BaseT(X) Ports	1000/2500BaseT(X) Ports	1000BaseSFP Slots	1000/2500BaseSFP Slots	Airflow
XM-4000-16GTX	16	–	–	–	–
XM-4000-16QGTX	–	16	–	–	–
XM-4000-16GSFP	–	–	16	–	–
XM-4000-16QGSFP	–	–	–	16	–
XM-4000-FAN-R	–	–	–	–	Rear-to-front

Accessories (sold separately)

SFP Modules

SFP-1G10ALC	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 10 km transmission; TX 1310 nm, RX 1550 nm, 0 to 60°C operating temperature
SFP-1G10BLC	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 10 km transmission; TX 1550 nm, RX 1310 nm, 0 to 60°C operating temperature
SFP-1G20ALC	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 20 km transmission; TX 1310 nm, RX 1550 nm, 0 to 60°C operating temperature
SFP-1G20BLC	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 20 km transmission; TX 1550 nm, RX 1310 nm, 0 to 60°C operating temperature
SFP-1G40ALC	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 40 km transmission; TX 1310 nm, RX 1550 nm, 0 to 60°C operating temperature
SFP-1G40BLC	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 40 km transmission; TX 1550 nm, RX 1310 nm, 0 to 60°C operating temperature
SFP-1G10ALC-T	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 10 km transmission; TX 1310 nm, RX 1550 nm, -40 to 85°C operating temperature
SFP-1G10BLC-T	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 10 km transmission; TX 1550 nm, RX 1310 nm, -40 to 85°C operating temperature
SFP-1G20ALC-T	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 20 km transmission; TX 1310 nm, RX 1550 nm, -40 to 85°C operating temperature
SFP-1G20BLC-T	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 20 km transmission; TX 1550 nm, RX 1310 nm, -40 to 85°C operating temperature
SFP-1G40ALC-T	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 40 km transmission; TX 1310 nm, RX 1550 nm, -40 to 85°C operating temperature
SFP-1G40BLC-T	WDM-type (BiDi) SFP module with 1 1000BaseSFP port with LC connector for 40 km transmission; TX 1550 nm, RX 1310 nm, -40 to 85°C operating temperature
SFP-1GSXLC	SFP module with 1 1000BaseSX port with LC connector for 300m/550m transmission, 0 to 60°C operating temperature
SFP-1GLSXLC	SFP module with 1 1000BaseLSX port with LC connector for 1km/2km transmission, 0 to 60°C operating temperature
SFP-1GLXLC	SFP module with 1 1000BaseLX port with LC connector for 10 km transmission, 0 to 60°C operating temperature
SFP-1GLHLC	SFP module with 1 1000BaseLH port with LC connector for 30 km transmission, 0 to 60°C operating temperature
SFP-1GLHXL	SFP module with 1 1000BaseLHX port with LC connector for 40 km transmission, 0 to 60°C operating temperature

