Edge-corE

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EM4625-XG-XENPAK
1-Port 10G Base-X Module

Product Overview

10Gigabit Ethernet connectivity, XENPACK-based

This module provides an outstanding performance 10 Gigabit Ethernet connection. EM4625-XG-XENPAK is a standard-based method of 10 Gigabit Ethernet for connecting at performance 10 times of that Gigabit Ethernet, at 10 Gigabits per second, while keeping critical Ethernet properties such as pack format. This module requires a XENPAK-style transceiver, sold separately, to provide the physical media connection.

Key Features and Benefits

Performance and Scalability
10-Gigabit Ethernet is the perfect aggregation technology when deploying gigabit to the desktop or for interconnecting core and distribution switches. Use EM4625-GX-XENPAK to connect up to four 10 Gigabit links aggregated together across a resilient stack to provide up to 80Gbps connections to the core of the network, while providing high performance resiliency preventing a single point of failure in the network infrastructure.

Moving to Future
Provide a migration path from multiple aggregated Gigabit Ethernet links to high performance 10-Gigabit Ethernet switch-to-switch connections.

Industry-standard Design
Use industry-standard XENPAK modular transceiver to provide a flexible physical media connection.

Specifications

Physical Ports
Total Ports: One (XENPAK) 10GBASE-X port

Performance
Switching Capability:20Gbps (full duplex)

Power Consumption
Max. Power Consumption: 50W

Board Dimensions
Length: 366.7mm (14.43")
Width: 340mm (13.39")

Package Contents
EM4625-XG-XENPAK switching module

Required Product
ES4625
ES4649

Optional Product
ET5401A-LR   10GbE 1310 nm XENPAK Optical Transceiver

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Ethernet Switch