

24-port and 48-port 1Gb/10Gb Aggregation Switch Series

High Performance Aggregation Switching

Fujitsu enhances its high performance Ethernet Switch Product Line with a new family of Uplink Switches

- ▶ Provides "fan out" capability for 10GbE server connectivity in compact 1RU high form factor
- ▶ Provides an easy upgrade path for environments transitioning to 10GbE
- ▶ 24-port 10/100/1000 Base-T with 4 ports of SFP optics (can only use 24 total ports) and an optional dual port 10GbE uplink card
- ▶ 48-port 10/100/1000 Base-T with 4 ports of SFP optics (can only use 48 total ports) and 2 optional dual port 10GbE uplink cards



XG0224



XG0448



shaping tomorrow with you

XG0224 XG0448 Switches

Part Number	Description
XG0224	24 port 1GbE Switch (optional dual port 10GbE uplink card sold separately)
XG0448	48 port 1GbE Switch (optional 2 dual port 10GbE uplink cards sold separately)
Accessories	
SJ10GSFPA	Dual port SFP+ 10GbE uplink card
SJ10GCX4A	Dual port CX4 10GbE uplink card
SFPP-SR	SR SFP+ Optical Module
SFPP-LR	LR SFP+ Optical Module
SFPP-CBL-01	Twinax Cable-1m
SFPP-CBL-02	Twinax Cable-2m
SFPP-CBL-03	Twinax Cable-3m
SFPP-CBL-05	Twinax Cable-5m
SFPP-CBL-07	Twinax Cable-7m
XG0224FAM-00W-YR1	XG0224 additional one year of warranty (total 4 years)
XG0224FAM-00W-YR2	XG0224 additional two years of warranty (total 5 years)
XG0448FAM-00W-YR1	XG0448 additional one year of warranty (total 4 years)
XG0448FAM-00W-YR2	XG0448 additional two years of warranty (total 5 years)

XG0224 and XG0448 Switches Specifications

Virtual LANs

4000 Port-based and Tag-based VLAN
Protocol VLAN
User-defined VLAN ID/VLAN priority
Ingress Filtering

Administration

Industry standard Command Line Interface with command help and completion
HTTP with GUI
Serial or 10/100/1000 BASE-T Ethernet Telnet session
FTP server
SYSLOG
SNMP (v1/v2c/v3)
RMON (Alarms, Events)
SNTP
LLDP

Spanning Tree Protocol

STP/RSTP, MSTP

Link Aggregation

Static or LACP

Jumbo Frame Support

9KB Jumbo Frames

Congestion Management

Pause Frame Flow Control

IGMP

IGMP Snooping (v1/v2)

Security Features

Multiple accounts with class privileges
SSH (v2)
Port filtering
RADIUS
ACL (Layers2-4)
Application filtering
MAC/IP filtering

Other Features

Link aggregation backup ports
LLMNR
Static routing
Proxy DNS
L3 monitoring

IEEE/Standards Compliance

802.3ab Gigabit Ethernet
802.3ae 10 GbE fiber
802.3ak 10 GbE CX4
802.3ad Link Aggregation
802.1AB Link Layer Discovery Protocol
802.1D MAC Bridges - Spanning Tree Protocol (STP, RSTP)
802.1D MAC Bridges - Unicast/Multicast forwarding
802.1D MAC Bridges - Aging/Learning
802.1Q VLAN (virtual LAN)
802.1Q Multiple Spanning Tree Protocol
802.1p QoS (8 classes, 8 queues)
802.3x Pause Frame Flow Control
SFF-8431 Enhanced Small Form Factor (SFP+)

RFC Compliance

RFC768 User Datagram Protocol
RFC791 Internet Protocol
RFC792 Internet Control Message Protocol
RFC793 Transmission Control Protocol
RFC854 Telnet Protocol Specification
RFC959 File Transfer Protocol
RFC1042 IPv4 Transmission
RFC1157 Simple Network Management Protocol (SNMP)
RFC1212 Concise MIB definitions
RFC1213 MIB-2 SNMP group
RFC1215 Traps for SNMP
RFC1493 Bridges MIB
RFC1901 Introduction to Community-based SNMPv2
RFC2236 IGMP (v1/v2)
RFC2674 P-Bridge & Q-Bridge MIBs
RFC2819 RMON MIB (Statistics, History Group)
RFC2863 IF MIB
RFC2865 RADIUS
RFC3164 BSD Syslog Protocol
RFC3410 Introduction and Applicability Statements for Internet-Standard Management Framework
RFC3635 Ethernet-Like MIB
RFC4252 SSH Protocol

Physical Characteristics

XG0224 - 24 1Gb ports with 4 (combo) SFP ports, slot for 1 optional dual port 10GbE uplink card
XG0448 - 48 1Gb ports with 4 (combo) SFP ports, slots for 2 optional dual port 10GbE uplink cards
1 RS232 RJ45 console port
24/48 RJ45 10/100/1000 BASE-T ports (auto MDI/MDI-X)
USB Port (XG0448) or CF Port (XG0224) for loading firmware or configuration files or off-loading backup of configuration files

RoHS

EU RoHS compliant (RoHS 6)

Dimensions (W x D x H)

XG0224 - 441mm x 388mm x 44mm
17.4" x 15.3" x 1.7"
1 RU high, 19" rack mountable
XG0448 - 441mm x 430mm x 44mm
17.4" x 16.9" x 1.7"
1 RU high, 19" rack mountable

Weight

XG0224 - 5.5kg (12lbs)
XG0448 - 7.0kg (15lbs)

AC Voltage/Current Requirements

100-240V - 50/60 Hz 1.5-0.6A

Power Consumption

XG0224 - 68W or 80W*
XG0448 - 99W or 133W*

Operating Specification

Temperature: 0° to 40° Celsius
Humidity: 15 - 85% RH (non-condensing)

Non-Operating Specification

Temperature: 0° to 50° Celsius
Humidity: 8 - 90% RH (non-condensing)

MTBF

254,000 hours

Included Accessories

2-post rack mount kit with fasteners
Power cord
Hardware/Installation Guide
User Guide (CD)
RJ45 to DB9 serial adapter

Warranty

3 year return to factory warranty

* With 10 GbE uplink card(s) installed

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