**10GbE Ultra-low Latency Switches XG2600**

**High Performance 10GbE Layer 2 Switching**

Fujitsu enhances its single chip, highly integrated 10GbE Switch Family with a new 26-port SFP+ Switch

- Offers industry-leading low latency in 10GbE Switching
- Powered by our 4th generation Fujitsu AXEL-X2 ASIC, with as low as 300ns latency
- Delivers up to 520Gbps
- Available as 26-port SFP+ optical solution in compact 1RU high form factor
- Flexible airflow (front-to-rear and rear-to-front airflow)
- Flexible SFP+ interfaces (Copper Twinax, SR and LR) allow you to build the ideal network architecture for your requirements
- Power consumption under 5 watts per port
**XG2600 Switches**

### XG2600 Series Specifications

#### Virtual LANs
- 4000 Port-based or 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 BASE-T Ethernet Telnet session
- FTP server
- SYSLOG
- SNMP (v1/v2/v3)
- RMON (Alarms, Events)
- In-band and out-of-band management
- SNTP
- LLDP

#### Spanning Tree Protocol
- STP/RSTP, MSTP

#### Link Aggregation
- Static or LACP

#### Jumbo Frame Support
- 9KB/12KB/15KB/16KB

#### Congestion Management
- Pause frame flow control

#### IGMP
- IGMP Snooping (v1/v2)

#### Security Features
- Multiple accounts with class privileges
- ACL (Layer2-4)
- Application filtering
- MAC/IP filtering
- SSH (v2)
- Port filtering
- RADIUS

#### Other Features
- Link aggregation backup ports
- LLNMR
- Static routing
- ProxyDNS
- L3 monitoring

#### IEEE/Standards Compliance
- B02.3ae 10GbE fiber
- B02.3ad Link Aggregation
- B02.1D MAC Bridges - Spanning Tree Protocol (STP, RSTP)
- B02.1D MAC Bridges - Unicast/Multicast forwarding
- B02.1D MAC Bridges - Aging/Learning
- B02.1D VLAN (virtual LAN)
- B02.1p QoS (8 classes, 8 queues)
- B02.3x Pause Frame Flow Control
- B02.1AB Link Layer Discovery Protocol
- B02.1Q Multiple Spanning Tree Protocol
- 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
- RFC8054 Telnet Protocol Specification
- RFC959 File Transfer Protocol
- RFC1042 IPv4 Transmission
- RFC1152 Simple Network Management Protocol (SNMP)
- RFC1212 Concise MIB definitions
- RFC1213 MIB-2 SNMP Group
- RFC1215 Traps for SNMP
- RFC1693 Bridges MIBs
- RFC1901 Introduction to Community-based SNMPv2
- RFC2236 IGMP, 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

#### RoHS
- EU RoHS compliant (RoHS 6)

#### Physical Characteristics
- 26 ports, 10GBASE-R SFP+ Ethernet, 300ns chip latency, 520Gbps switching operation
- 1 RJ-45 RS232 console/management port
- USB port for loading firmware or configuration file or off-loading backup copies of configuration files

#### Dimension (W x D x H)
- 430mm x 600mm x 43.5mm
- 16.9” x 23.6” x 1.7”

#### Weight
- 13kg (28lbs)

#### AC Voltage/Current Requirements
- 100-240V - 50/60 Hz 1.8-0.85A

#### Power Consumption
- XG2600 less than 130W

#### Operating Specification
- Temperature: 0° to 50° Celsius
- Humidity: 15 - 85% RH (non-condensing)

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

#### Included Accessories
- 4-post rack mount kit with fasteners
- Power cords
- Hardware/Installation Guide
- User Guide (CD)
- RJ 45 to DB9 serial adapter

#### Warranty
- 3 year return to factory warranty

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For more information, call us at 877-766-7545 or visit us at: http://us.fujitsu.com/ethernet

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