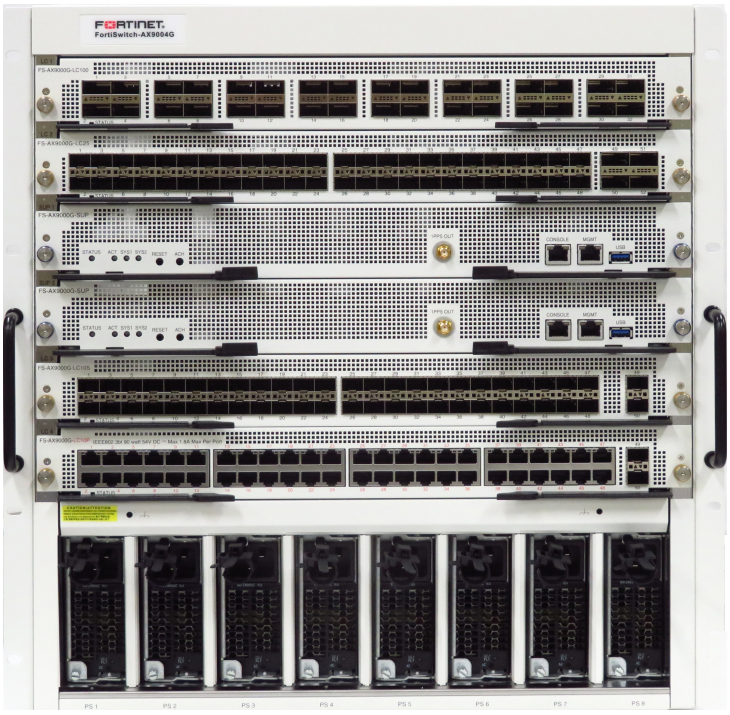
FortiSwitch-AX9000G Series



Highlights

- High performance line rate switching
- Flexible port options with multi-rate line cards
- Dual supervisor capable
- 802.3bt PoE capable
- Front to back air flow
- Redundant hot-swappable AC/DC power supplies
- New hardware based on proven technology

Next generation hardware offering performance, resiliency, and scalability

The FortiSwitch-AX9000G is a modular chassis switch built for data centers, enterprise core, and campus locations seeking scalable, high-performance connectivity with simplified operations. Designed for flexibility, the FortiSwitch-AX9000G chassis supports a mix of 10GbE, 25GbE, 100GbE, and multi-Gigabit (mGig) up to10GbE, capable line cards, offering the right balance between performance, resiliency, and investment protection. With a dual supervisor architecture, hot-swappable power supplies (AC/DC), and modular line cards, the FortiSwitch-AX9000G chassis delivers efficient Layer 2 and Layer 3 forwarding, dynamic routing, and advanced link aggregation across line cards. PoE support on LC10P modules extend its versatility for edge deployments.

Whether in a high-availability enterprise core, campus access edge, or modern data center, the FortiSwitch-AX9000G chassis ensures reliable throughput and operational consistency across diverse network environments.

Highlights

FortiSwitch-AX9000G joins our industry leading FortiSwitch secure, simple, and scalable, 1RU fixed configuration Ethernet solution. Bringing modern scalability to the enterprise, the FortiSwitch-AX9000G introduces modularity and increased density to the FortiSwitch data center and campus solutions. The FortiSwitch-AX9000G chassis is managed through FortiSwitchNMS, with planned integration into the Fortinet Security Fabric through FortiLink. This integration will enable the same security, control, and services offered by FortiSwitch fixed configuration Access, Campus, and Data Center series.

FortiSwitchNMS

FortiSwitchNMS empowers organizations to take control of their network infrastructure, simplify management, enhance security, and reduce operational costs. With its intuitive interface, comprehensive features, and robust security capabilities, FortiSwitchNMS is the ideal solution for organizations looking to optimize their large-scale Ethernet network operations and drive digital transformation. It provides a single pane of glass view of the entire network, enabling administrators to manage multi-vendor switches, servers, cameras, and other SNMP-enabled devices from a centralized location. This centralized approach streamlines network operations and reduces management complexity.

Use Cases

The FortiSwitch-AX9000G chassis empowers organizations to modernize and simplify their network infrastructure while preparing for the next generation of digital demands.

Campus

The shift toward smart campuses and IoT adoption is driving demand for more power and bandwidth at the network edge. Wireless technologies like Wi-Fi 7 require high-speed, low-latency links to deliver reliable user experiences. The FortiSwitch-AX9000G chassis, equipped with the LC10P PoE/mGig line card, provides both the speed and power needed for modern access environments. Each port supports multi-Gigabit throughput and delivers up to 90W 802.3bt PoE, allowing IT teams to connect and power access points, cameras, and IoT devices without separate power infrastructure. The result is a flexible, high-performance campus edge that simplifies deployments and enhances user connectivity.

Data Center and Enterprise Core

Modern data centers and high-performing campus core rely on fast, predictable, and low-latency connectivity. As workloads scale, switches must deliver wire-speed performance, flexible connectivity options, and simple scalability to keep up with evolving infrastructure demands. The FortiSwitch-AX9000G chassis provides the performance,flexibility and density required for large enterprise deployments. A mix of 10, 25, and 100 GbE line cards allows operators to optimize connectivity based on workload needs. Modular expansion enables incremental growth without network downtime. Redundant power supplies and fan modules ensure continuous operation even during maintenance or component replacement. Enterprises gain a stable, scalable core network that supports future growth while minimizing operational complexity and downtime.

Features

	FS-AX9004G
Layer 2	
Auto-Negotiation for Port Speed and Duplex	✓
Dynamically shared packet buffers	✓
Edge Port / Port Fast	✓
IEEE 802.1AX Link Aggregation	✓
IEEE 802.1D MAC Bridging/STP	✓
IEEE 802.1Q VLAN Tagging	✓
IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)	✓
IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)	✓
IEEE 802.3 CSMA/CD Access Method and Physical Layer Specifications	✓ (Full Duplex Only)
IEEE 802.3ab 1000BASE-T	✓ (LC10P)
IEEE 802.3ad Link Aggregation with LACP	✓
IEEE 802.3ae 10 Gigabit Ethernet	✓ (LC10P, LC10S, LC25)
IEEE 802.3 af/at/bt type 4 PoE	✓ (LC10P)
IEEE 802.3an 10GBASE-T	✓ (LC10P)
IEEE 802.3ba, 802.3bj, 802.3bm 40 and 100 Gigabit Ethernet	✓ (LC25, LC100)
IEEE 802.3by 25 Gigabit Ethernet	✓ (LC25)
IEEE 802.3bz 2.5/5GBASE-T	✓ (LC10P)
IEEE 802.3x Flow Control and Back-pressure	✓
IEEE 802.3z 1000BASE-SX/LX	✓ (LC10S)
Jumbo Frames	✓
LAG Min/Max Bundle	✓
Loop Guard	✓
PHY Forward Error Correction	✓ (LC25, LC100)
PVST+ / Rapid PVST+	✓
Ring Protocol (Single/Multiple Rings)	✓ (AXRP)
Spanning Tree Instances (MSTP/CST)	16
Storm Control	✓
STP BPDU Guard	✓
STP BPDU Filter	✓
STP Root Guard	✓
UDLD	✓
Unicast/Multicast traffic balance over LAG	✓

	FS-AX9004G
Layer 3	
DHCP Relay	✓
Dynamic Routing Protocols (IPv4/IPv6)	OSPF, RIP, RIPng, VRRP, BGP
ECMP	✓
Filtering Routemaps based on routing protocol	✓
IGMP Querier	✓
IGMP Snooping	✓
IGMP ver 1, ver 2, ver 3	✓
IP Conflict Detection and Notification	✓
IPv6 Route Filtering	✓
L3 Host Entries (IPv4/IPv6)	64 000 / 64 000 *1
MLD Querier	✓
MLD Snooping	✓
MLD ver 1, ver 2	✓
Multicast Protocols	PIM-SM, PIM-SSM
Multicast Route Entries (IPv4/IPv6)	8000 / 8000
Route Entries (IPv4/IPv6)	130 000 / 130 000 *2
Static Routing (Hardware-based, IPv4/IPv6)	✓
Sub Interface	✓
Unicast Reverse Path Forwarding (uRPF)	✓
VRF	✓
Security and Visibility	
ACL (inbound)	24 000
Admin Authentication Via RFC 2865 RADIUS	✓
IEEE 802.1ab Link Layer Discovery Protocol (LLDP)	✓
RADIUS Accounting	✓
TACACS+	✓
High Availability	
Cross Linecard Link Aggregation	✓
Quality of Service	
IEEE 802.1p Based Priority Queuing	✓
IP TOS/DSCP Based Priority Queuing	✓
Management	
Configuration Merge / Rollback / Template	✓
IPv4 and IPv6 Management	✓
Hot Swap (LC, PSU, FAN)	✓
PoE Control Modes	✓
RMON Group 1	✓
SNMP v1/v2c/v3	✓
SNMP v3 traps	✓
SNTP	✓
Software download/upload: SFTP/TFTP/FTP	✓
SSH ver 2 (IPv4/IPv6)	✓
Standard CLI	✓
Syslog UDP/TCP	✓
System Temperature and Alert	✓
Telnet / SSH	✓

*1 If there are both v4 and v6 entries, sum of them is up to 64 000

*2 If there are both v4 and v6 entries, sum of them is up to 130 000.

RFC Compliance

BGP
RFC1519: Classless Inter-Domain Routing (CIDR)
RFC1997: BGP Communities Attribute
RFC2385: Protection of BGP Sessions via the TCP MD5 Signature Option
RFC2439: BGP Route Flap Damping
RFC2918: Route Refresh Capability for BGP-4
RFC4271: A Border Gateway Protocol 4 (BGP-4)
RFC4456: BGP Route Reflection
RFC4724: Graceful Restart Mechanism for BGP
RFC5004: Avoid BGP Best Path Transitions from One External to Another
RFC5065: Autonomous System Confederations for BGP
RFC5492: Capabilities Advertisement with BGP-4
RFC6793: BGP Support for Four-Octet Autonomous System (AS) Number Space
RFC6996: Autonomous System (AS) Reservation for Private Use
RFC7705: Autonomous System Migration Mechanisms and Their Effects on the BGP AS_PATH Attribute
DHCP
RFC1542: Clarifications and Extensions for the Bootstrap Protocol
RFC2131: Dynamic Host Configuration Protocol
RFC3046: DHCP Relay Agent Information Option
RFC3527: Link Selection sub-option for the Relay Agent Information Option for DHCPv4
RFC5107: DHCP Server Identifier Override Suboption
RFC8415: Dynamic Host Configuration Protocol for IPv6 (DHCPv6)
IP/IPv4
RFC768: User Datagram Protocol
RFC791: Internet Protocol
RFC792: Internet Control Message Protocol
RFC793: Transmission Control Protocol
RFC813: Window and Acknowledgement Strategy in TCP
RFC826: An Ethernet Address Resolution Protocol: Or converting network protocol addresses to 48.bit Ethernet address for transmission on Ethernet hardware
RFC896: Congestion Control in IP/TCP Internetworks
RFC922: Broadcasting Internet datagrams in the presence of subnets
RFC950: Internet Standard Subnetting Procedure
RFC1027: Using ARP to implement transparent subnet gateways
RFC1122: Requirements for Internet hosts-communication layers
RFC1191: Path MTU discovery
RFC1323: TCP Extensions for High Performance
RFC1519: Classless Inter-Domain Routing (CIDR): an Address Assignment and Aggregation Strategy
RFC1812: Requirements for IP Version 4 Routers
RFC2018: TCP Selective Acknowledgment Options
RFC2474: Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers
RFC2644: Changing the Default for Directed Broadcasts in Routers
RFC2883: An Extension to the Selective Acknowledgement (SACK) Option for TCP
RFC3021: Using 31-Bit Prefixes on IPv4 Point-to-Point Links
RFC3168: The Addition of Explicit Congestion Notification (ECN) to IP
RFC3782: The NewReno Modification to TCP's Fast Recovery Algorithm
RFC4632: Classless Inter-domain Routing (CIDR): The Internet Address Assignment and Aggregation Plan

RFC5227: IPv4 Address Conflict Detection
RFC5494: IANA Allocation Guidelines for the Address Resolution Protocol (ARP)
RFC5681: TCP Congestion Control
RFC5927: ICMP Attacks against TCP
RFC6056: Recommendations for Transport-Protocol Port Randomization
IPv4 Multicast
RFC2236: Internet Group Management Protocol,Version2
RFC2362: Protocol Independent Multicast-Sparse Mode (PIM-SM) : Protocol Specification
RFC2934: Protocol Independent Multicast MIB for IPv4
RFC3376: Internet Group Management Protocol, Version 3
RFC4604: Using Internet Group Management Protocol Version 3 (IGMPv3) and Multicast Listener Discovery Protocol Version 2 (MLDv2) for Source-Specific Multicast
RFC4607: Source-Specific Multicast for IP
RFC4608: Source-Specific Protocol Independent Multicast in 232/8
RFC5059: Bootstrap Router (BSR) Mechanism for Protocol Independent Multicast (PIM)
RFC7761: Protocol Independent Multicast-Sparse Mode (PIM-SM) : Protocol Specification (Revised)
IPv6
RFC1981: Path MTU Discovery for IP version 6
RFC2710: Multicast Listener Discovery for IPv6
RFC3587: IPv6 Global Unicast Address Format
RFC3879: Deprecating Site Local Addresses
RFC4291: IP Version 6 Addressing Architecture
RFC4311: IPv6 Host-to-Router Load Sharing
RFC4443: Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification
RFC4861: Neighbor Discovery for IP version 6 (IPv6)
RFC4862: IPv6 Stateless Address Autoconfiguration
RFC5095: Deprecation of Type 0 Routing Headers in IPv6
RFC5722: Handling of Overlapping IPv6 Fragme
RFC5952: A Recommendation for IPv6 Address Text Representation
RFC6085: Address Mapping of IPv6 Multicast Packets on Ethernet
RFC8200: Internet Protocol, Version 6 (IPv6) Specification
IPv6 Multicast
RFC2710: Multicast Listener Discovery (MLD) for IPv6
RFC3590: Source Address Selection for the Multicast Listener Discovery (MLD) Protocol
RFC3810: Multicast Listener Discovery Version 2 (MLDv2) for IPv6
OSPF
RFC1519: Classless Inter-Domain Routing(CIDR): an Address Assignment and Aggregation Strategy
RFC2328: OSPF Version 2
RFC3101: The OSPF Not-So-Stubby Area (NSSA) Option
RFC3137: OSPF Stub Router Advertisement
RFC3623: Graceful OSPF Restart
RFC5187: OSPFv3 Graceful Restart
RFC5250: The OSPF Opaque LSA Option
RFC5309: Point-to-Point Operation over LAN in Link State Routing Protocols
RFC5340: OSPF for IPv6

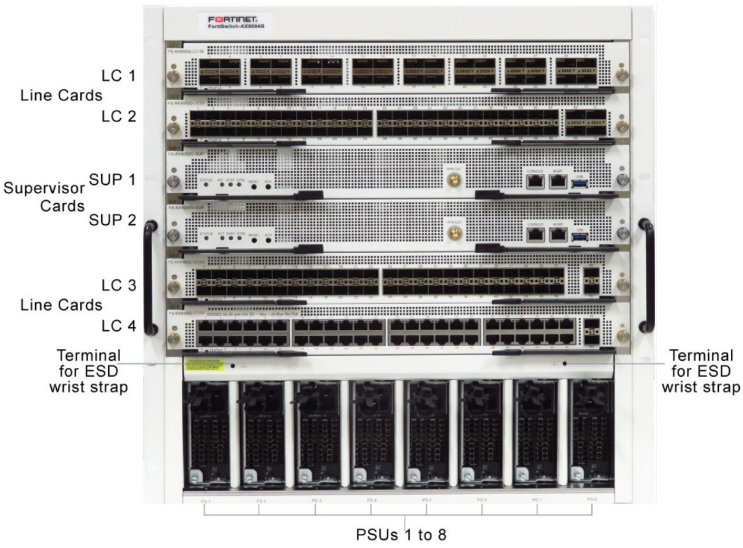
RFC Compliance

Other
RFC1305: Network Time Protocol (Version 3) Specification, Implementation and Analysis
RFC3768: Virtual Router Redundancy Protocol
RFC9568: Virtual Router Redundancy Protocol Version 3 for IPv4 and IPv6
RADIUS
RFC2865: Remote Authentication Dial In User Service(RADIUS)
RFC2866: RADIUS Accounting
RFC3162: RADIUS and IPv6
RIP
RFC1058: Routing Information Protocol
RFC1519: Classless Inter-Domain Routing(CIDR): an Address Assignment and Aggregation Strategy
RFC2080: RIPng for IPv6
RFC2453: RIP Version 2
RFC4822: RIPv2 Cryptographic Authentication

SNMP
RFC1155: Structure and Identification of Management Information for TCP/IP-based Internets
RFC1157: A Simple Network Management Protocol (SNMP)
RFC1901: Introduction to Community-based SNMPv2
RFC1902: Structure of Management Information for Version 2 of the Simple Network Management Protocol (SNMPv2)
RFC1903: Textual Conventions for Version 2 of the Simple Network Management Protocol (SNMPv2)
RFC1904: Conformance Statements for Version 2 of the Simple Network Management Protocol (SNMPv2)
RFC1905: Protocol Operations for Version 2 of the Simple Network Management Protocol (SNMPv2)
RFC1906: Transport Mappings for Version 2 of the Simple Network Management Protocol (SNMPv2)
RFC1907: Management Information Base for Version 2 of the Simple Network Management Protocol (SNMPv2)
RFC1908: Coexistence between Version 1 and Version 2 of the Internet-standard Network Management Framework
RFC2578: Structure of Management Information Version 2 (SMIv2)
RFC2579: Textual Conventions for SMIv2
RFC2580: Conformance Statements for SMIv2
RFC3410: Introduction and Applicability Statements for Internet Standard Management Framework
RFC3411: An Architecture for Describing Simple Network Management Protocol (SNMP) Management Frameworks
RFC3412: Message Processing and Dispatching for the Simple Network Management Protocol (SNMP)
RFC3413: Simple Network Management Protocol (SNMP) Applications
RFC3414: User-based Security Model (USM) for version 3 of the Simple Network Management Protocol (SNMPv3)
RFC3415: View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)
RFC3416: Version 2 of the Protocol Operations for the Simple Network Management Protocol (SNMP)
RFC3417: Transport Mappings for the Simple Network Management Protocol (SNMP)
RFC3584: Coexistence between Version 1, Version 2, and Version 3 of the Internet-standard Network Management Framework
RFC3826: The Advanced Encryption Standard (AES) Cipher Algorithm in the SNMP User-based Security Model
RFC7860: HMAC-SHA-2 Authentication Protocols in User-Based Security Model (USM) for SNMPv3

Hardware

FS-AX9004G



One FS-AX9004G chassis supports up to four line cards in LC slots with any combination, and up to two*[1] supervisor modules in SUP slots.

All components (Supervisor Module, Line cards, Fan, and PSU) are hot swappable.

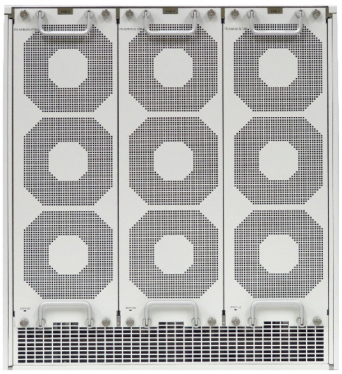
Specifications

	FS-AX9004G
Form Factor and Dimensions	
Form Factor	11RU Rack Mount, Modular
Height x Depth x Width (inches)	19.1 × 23.7 × 17.4
Height x Depth x Width (mm)	485 × 600 × 441
Weight	115kg (Maximum Configuration)
Maximum Network Interfaces	
100G QSFP28 / 40G QSFP+ ports	128 (4 x FS-AX9000G-LC100)
25G SFP28 / 10G SFP+ ports	192 (4 x FS-AX9000G-LC25)
10G SFP+	200 (4 x FS-AX9000G-LC10S)
10G/5G/2.5G/1G BASE-T with PoE	192 (4 x FS-AX9000G-LC10P)
PoE Standard	802.3 af/at/bt type 4 (FS-AX9000G-LC10P)
PoE Power Budget	4,320 W (on each FS-AX9000G-LC10P)
1000/100/10M Management Ports	2 (2 x FS-AX9000G-SUP)
RJ45 Serial Console Port	2 (2 x FS-AX9000G-SUP)
System Specifications	
Switching Capacity (Duplex)	12.8 Tbps (25.6 Tbps on A-A SUP*[1])
Packets Per Second (Duplex) 64 bytes	5253 Mpps *[2] (1 x SUP, 4 x LC100)
Mac Address Storage	256 K
Network Latency	< 4.3 µs
VLANs Supported	4k
IPv4/IPv6 Routing	✓
Link Aggregation Group Size	16
Total Link Aggregation Groups	192
Queues/Port	8

*1 Will be supported by future firmware.

*2 Full line rate with minimum packet size of 352 bytes.

	FS-AX9004G
Power	
Power Required (AC)	100V to 240V, 50/60 Hz
Power Required (DC)	-48 to -60V
Power Consumption (Maximum)	12.8 kW (AC 100 – 120V) 26.2 kW (AC 200 – 240V) 20.0 kW (DC) Depends on SUP and Linecard configuration
Power Supply	Up to 8 hot swappable AC or DC Power Supply Units (PSU)
Heat Dissipation (Average)	18,000 BTU/h (Maximum Configuration)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-25°C to 65°C (-13°F to 149°F)
Humidity	5% to 85% (recommended value 45% to 55%)
Air Flow	Front to back
Noise Level	75dB (measured at 25°C)
Compliance	
Certifications	FCC, CE, RCM, VCCI, BSMI, UL, CB, RoHS2



Three fan modules are required for normal operation regardless of the number and combination of Supervisor and Line cards.

Supervisor Module (SUP)

FS-AX9000G-SUP

FS-AX9000G-SUP controls FS-AX9004G chassis and performs packet forwarding. An FS-AX9004G switch chassis can host up to 2x FS-AX9000G supervisor modules. At least one FS-AX9004G supervisor module is required for an FS-AX9004G chassis. When 2x FS-AX9004G are installed in an FS-AX9004G chassis, they work as A-P (Active-Passive) mode*[1] or A-A (Active-Active) mode*[1] for control and forwarding redundancy.

Specifications

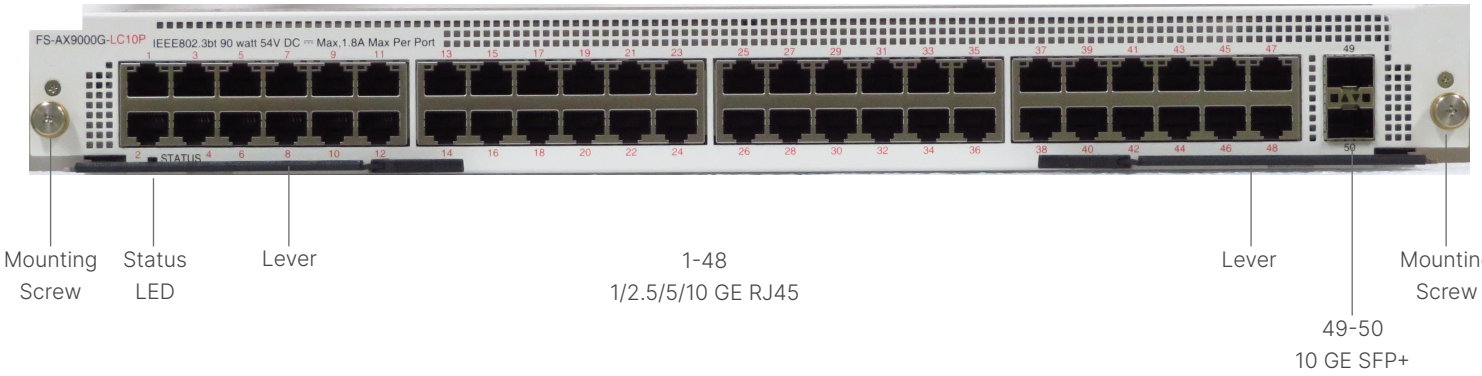
	FS-AX9000G-SUP
Hardware Specifications	
10/100/1000BASE-T Management Ports	1
USB Ports	1
Console Ports	1
Packet Buffers	80 MB
Memory	32GB DDR5 with ECC
Onboard Storage	40 GB SSD
Optional Storage	320 GB SSD *[1]
Dimensions and Power	
Height x Depth x Width (inches)	2.0 × 19.8 × 17.2
Height x Depth x Width (mm)	50.7 × 500.5 × 436
Weight	8.4 kg (18.5lbs)
Power Consumption (Maximum)	614 W
Heat Dissipation (Average)	2096.7 BTU/h

*1 Will be supported by future firmware

10G/mGig PoE Line Card

FS-AX9000G-LC10P

FS-AX9000G-LC10P line card features 48× 10/5/2.5/1 GE RJ45 ports as well as 2× 10GE SFP+ ports. All RJ45 ports support PoE (802.3bt/at/af, up to 90W per port).



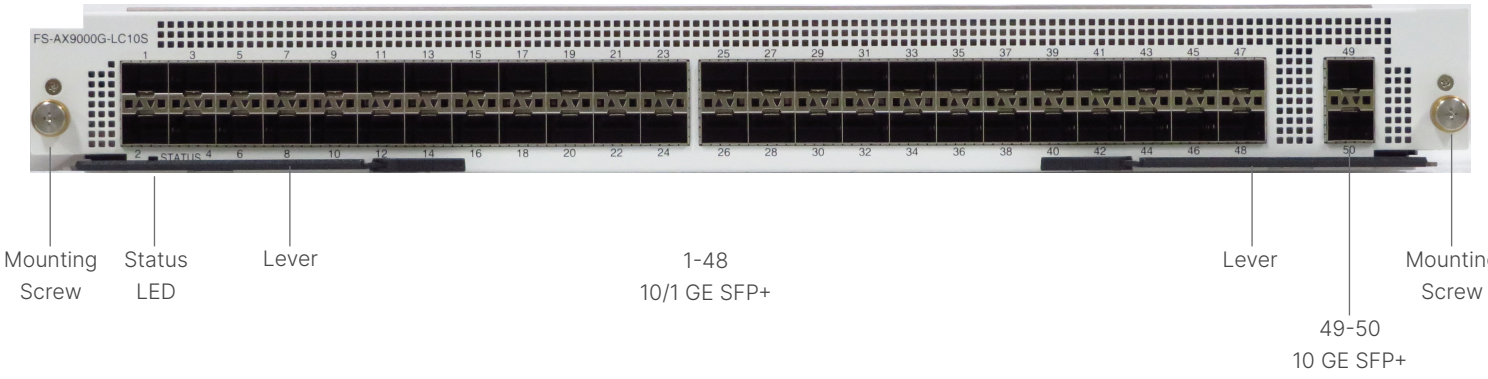
Specifications

	FS-AX9000G-LC10P
Hardware Specifications	
1/2.5/5/10 GE RJ45	48
10 GE SFP+	2 (1G SFP not supported)
Packet Buffers	8 MB
Onboard Storage	20 GB SSD
Dimensions and Power	
Height x Depth x Width (inches)	2.0 × 19.6 × 17.2
Height x Depth x Width (mm)	49.0 × 496.2 × 436
Weight	7.2 kg (15.9 lbs)
Power Consumption (Maximum)	234 W (without PoE)
Heat Dissipation (Average)	798.4 BTU/h (without PoE)

10G/1G SFP+/SFP Line Card

FS-AX9000G-LC10S

FS-AX9000G-LC10S line card features 48× 10/1 GE SFP+/SFP ports as well as 2× 10GE SFP+ ports.



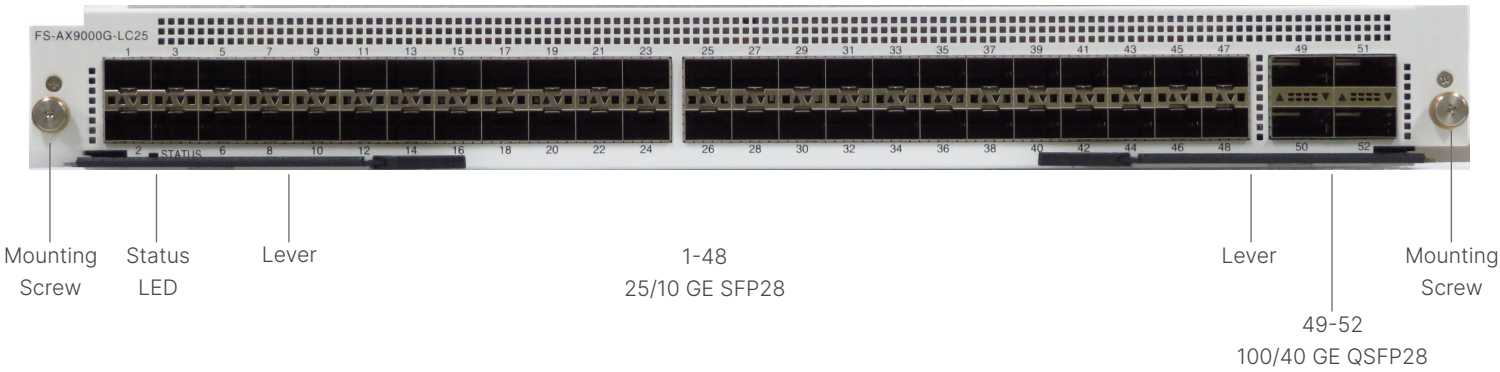
Specifications

	FS-AX9000G-LC10S
Hardware Specifications	
10 GE SFP+ / 1 GE SFP	48
10 GE SFP+	2 (1G SFP not supported)
Packet Buffers	8 MB
Onboard Storage	20 GB SSD
Dimensions and Power	
Height x Depth x Width (inches)	2.0 × 19.6 × 17.2
Height x Depth x Width (mm)	49.0 × 496.2 × 436
Weight	6.7 kg (14.8 lbs)
Power Consumption (Maximum)	321 W
Heat Dissipation (Average)	1095.2 BTU/h

25/10G SFP28/SFP+ with 100/40G QSFP28/QSFP+ Line Card

FS-AX9000G-LC25

FS-AX9000G-LC25 line card features 48× 25/10 GE SFP28/SFP+ ports as well as 4× 100/40 GE QSFP28/QSFP+ ports.



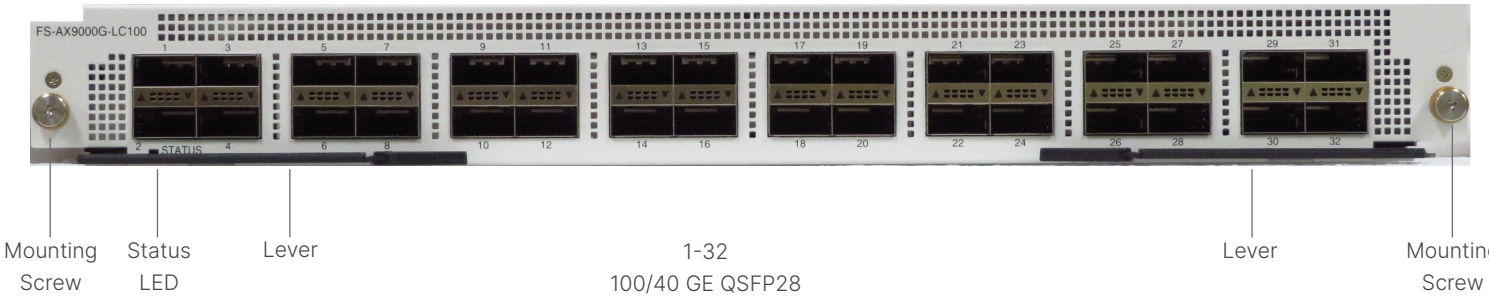
Specifications

	FS-AX9000G-LC25
Hardware Specifications	
25 GE SFP28 / 10 GE SFP+	48 (1G SFP not supported)
100 GE QSFP28 / 40 GE QSFP	4
Packet Buffers	82 MB
Onboard Storage	20 GB SSD
Dimensions and Power	
Height x Depth x Width (inches)	2.0 × 19.6 × 17.2
Height x Depth x Width (mm)	49.0 × 496.2 × 436
Weight	7.7 kg (17.0 lbs)
Power Consumption (Maximum)	685 W
Heat Dissipation (Average)	2339.2 BTU/h

100/40G QSFP28/QSFP+ Line Card

FS-AX9000G-LC100

FS-AX9000G-LC100 line card features 32× 100/40 GE QSFP28/QSFP+ ports.



Specifications

	FS-AX9000G-LC100
Hardware Specifications	
100 GE QSFP28 / 40 GE QSFP	32
Packet Buffers	82 MB
Onboard Storage	20 GB SSD
Dimensions and Power	
Height x Depth x Width (inches)	2.0 × 19.6 × 17.2
Height x Depth x Width (mm)	49.0 × 496.2 × 436
Weight	7.8 kg (17.2 lbs)
Power Consumption (Maximum)	772 W
Heat Dissipation (Average)	2636.1 BTU/h

Ordering Information

PRODUCT	SKU	DESCRIPTION
Hardware Model		
FortiSwitch-AX9004G chassis	FS-AX9004G	Layer 2/3 chassis switch for up to four line cards. Fan, PSU, supervisor module and line cards ordered separately.
Optional / Spare Items		
Supervisor Module	FS-AX9000G-SUP	Hot swappable Supervisor module for FS-AX9000G series.
Line Card		
10G/mGig PoE Line card	FS-AX9000G-LC10P	48 × 10G/5G/2.5G/1GBASE-T ports with 802.3bt PoE + 2 × 10G SFP+ ports hot swappable line card for FS-AX9000G series.
10G/1G SFP+/SFP Line card	FS-AX9000G-LC10S	48 × 10G/1G (SFP+/SFP) + 2 × 10G (SFP+) ports hot swappable line card for FS-AX9000G series.
25/10G SFP28/SFP+ with 100/40G QSFP28/QSFP+ Line card	FS-AX9000G-LC25	48 × 25G/10G (SFP28/SFP+) ports + 4 × 100G/40G (QSFP28/QSFP+) ports hot swappable line card for FS-AX9000G series.
100/40G QSFP28/QSFP+ Line card	FS-AX9000G-LC100	32 × 100G/40G(QSFP28/QSFP+) ports hot swappable line card for FS-AX9000G series.
Accessories		
FortiSwitch-AX9004G Fan Module	FS-AX9004G-FAN	Hot swappable Fan module for FS-AX9004G chassis.
3000W AC Power Supply	FS-AX9000G-PS-3KAC	Hot swappable AC Power Supply for FS-AX9000G series - 3000 W (200-240VAC), 1400 W (100-120VAC).
2500W DC Power Supply	FS-AX9000G-PS-2K5DC	Hot swappable DC Power Supply for FS-AX9000G series - 2500 W (-48VDC to -60VDC).

PRODUCT	SKU	DESCRIPTION
Transceivers		
1 GE SFP SX Transceiver Module	FN-TRAN-SX	1 GE SFP transceiver module, short range 500m, LC connector, MMF, 850nm, -20°C to 85°C, for systems with SFP slots.
1 GE SFP LX Transceiver Module	FN-TRAN-LX	1 GE SFP transceiver module, long range 10km, LC connector, SMF, 1310nm, -40°C to 85°C, for systems with SFP/SFP+ slots.
10 GE SFP+ Transceiver Module, short range	FN-TRAN-SFP+SR	10 GE SFP+ transceiver module, short range 300m, LC connector, MMF, 850nm, 0°C to 70°C, for systems with SFP+ slots.
10 GE SFP+ Transceiver Module, long range	FN-TRAN-SFP+LR	10 GE SFP+ transceiver module, long range 10km, LC connector, SMF, 1310nm, 0°C to 85°C, for systems with SFP+ slots.
10GE Copper SFP+ RJ45 Transceiver Module (80m range)	FN-TRAN-SFP+GC-T80	10 GE SFP+ transceiver module, range 80m, RJ45 connector, CAT6A, -5°C to 85°C, for systems with SFP+ slots.
10 Gbase-ER SFP+ Transceiver Module	FN-TRAN-SFP+ER	10 GE SFP+ transceiver module, long range 40km, LC connector, SMF, 1550nm, -5°C to 70°C, for systems with SFP+ slots.
25 GE SFP28 Transceiver Module, short range	FN-TRAN-SFP28-SR	25 GE / 10 GE SFP28 transceiver module, short range 100m, LC connector, MMF, 850nm, 0°C to 70°C, for systems with SFP28 slots.
25 GE SFP28 Transceiver Module, long range	FN-TRAN-SFP28-LR	25 GE / 10 GE SFP28 transceiver module, long range 10km, LC connector, SMF, 1310nm, 0°C to 70°C, for systems with SFP28 slots.
40 GE QSFP+ Transceiver Module, short range	FN-TRAN-QSFP+SR	40 GE QSFP+ transceiver module, short range 150m, MPO-12 connector, four channel parallel MMF, 850nm, 0°C to 70°C, for systems with QSFP+/QSFP28 slots.
40 GE QSFP+ Transceiver Module, long range	FN-TRAN-QSFP+LR	40 GE QSFP+ transceiver module, long range 10km, LC connector, SMF, 40GBase-LR4, 0°C to 70°C, for systems with QSFP+/QSFP28 slots.
100 GE QSFP28 Transceiver Module	FN-TRAN-QSFP28-SR	100 GE QSFP28 transceiver module, short range 100m, MPO-12 connector, four-channel parallel MMF, 850nm, 0°C to 70°C, for systems with QSFP28 slots.
100 GE QSFP28 Transceiver Module, long range	FN-TRAN-QSFP28-LR	100 GE QSFP28 transceiver module, long range 10km, LC connector, SMF, 100GBase-LR4, 0°C to 70°C, for systems with QSFP28 slots.
100 GE QSFP28 Transceiver module, extended range	FN-TRAN-QSFP28-ER	100 GE QSFP28 transceiver module, long range 20km, LC connector, SMF, 100GBase-LR4, 0°C to 70°C, for systems with QSFP28 slots.
Cables		
10 GE SFP+ Passive Direct Attach Cable, 5m	FN-CABLE-SFP+5	10 GE SFP+ passive direct attach cable, 5m, 0°C to 70°C, transceivers included, for systems with SFP/SFP+ slots.
25 GE SFP+ Passive Direct Attach Cable, 3m	FN-CABLE-SFP28-3	25 GE SFP28 passive direct attach cable, 3m, -40°C to 85°C, transceivers included, for systems with SFP28 slots.
25 GE SFP+ Passive Direct Attach Cable, 5m	FN-CABLE-SFP28-5	25 GE SFP28 passive direct attach cable, 5m, -40°C to 85°C, transceivers included, for systems with SFP28 slots.
100GE QSFP28 Passive Direct Attach Cable, 2m	FN-CABLE-QSFP28-2	100 GE QSFP28 passive direct attach cable, 2m, 0°C to 70°C, transceivers included, for systems with QSFP28 slots.
100GE QSFP28 Passive Direct Attach Cable, 3m	FN-CABLE-QSFP28-3	100 GE QSFP28 passive direct attach cable, 3m, 0°C to 70°C, transceivers included, for systems with QSFP28 slots.
100GE QSFP28 Passive Direct Attach Cable, 5m	FN-CABLE-QSFP28-5	100 GE QSFP28 passive direct attach cable, 5m, 0°C to 70°C, transceivers included, for systems with QSFP28 slots.

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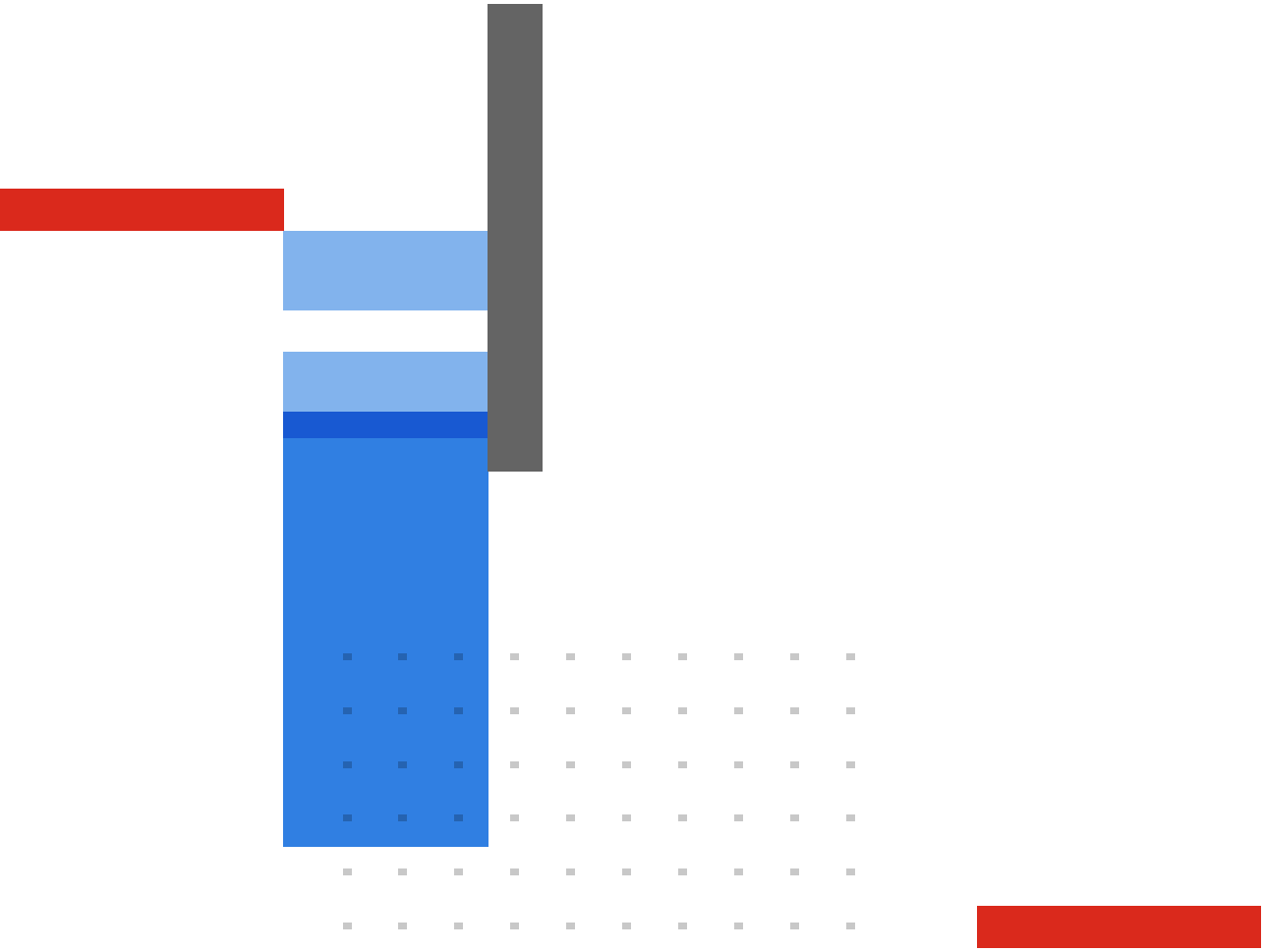

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