

FortiSwitch™ -324B-PoE

Gigabit Ethernet Edge Switch



Rightsize switch deployment

Fortinet's FortiSwitch family of Gigabit Ethernet (GbE) switches delivers outstanding price, performance, and scalability to organizations with diverse operational needs. The FortiSwitch platforms are purpose-built to meet the Ethernet infrastructure and provisioning needs of today's network edge. You can scale up/out your operations performance needs with ease of use and low cost of ownership to meet the demands of bandwidth-intensive applications from small offices to large datacenters.

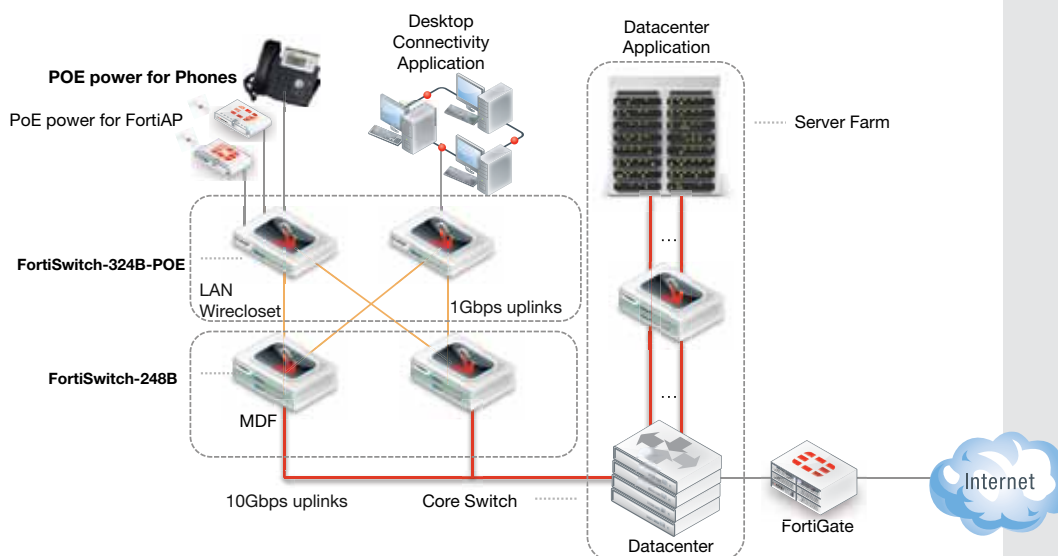
High-performance managed datacenter switching

The FortiSwitch-324B family is ideal for the next generation of LAN switch upgrade where higher productivity can be achieved thru faster transfer times via dedicated Gigabit Ethernet. The FortiSwitch-324B switch utilizes a 24 port interconnect fabric with 48Gbps of non-blocking switching capacity. This managed switch family also provides capabilities for VLAN segmentation of your voice, video, data and wireless traffic. The FortiSwitch-324B family is packaged in a compact 1RU form factor and designed to connect network devices to the Ethernet fabric, thereby reducing your overall deployment costs.

PoE switching made easy

Via its built-in POE power supply it can provide up to 185 watts of power, shared among all 24 ports. In a typical office setting you can power wireless APs, VOIP phones as well as PC connectivity. All ports are capable of sourcing 15.4 Watts of power and the first 4 ports are high power ports capable of sourcing up to 30Watts for demanding devices such as high power access points or motorized security cameras.

- High performance LAN edge ideal for the converged network application (voice, video, data, wireless)
- Up to 48 Gbps capacity
- 16K MAC address support.
- 4 shared Gigabit SFP ports for Fiber uplink support
- Powers any device support standards based 802.3af and high power 802.at



Hardware Specifications	
PERFORMANCE	
Switch Type	Local Management - Web/CLI
Switch Capacity	48 Gbps
VLANs Supported	512 configurable from range of 4096 with support for VTP v1/v2
Link Aggregation Group Size	Up to 8 ports
Total Link Aggregation Groups	8
HARDWARE SPECIFICATIONS	
10/100/1000 Ports	24 Copper ports with 4 SFP cages (Shared)
10 Gig Ports	0
Dedicated Management Port	1 (Rear)
FortiExplorer USB Quick Setup	Yes
RJ-45 Serial Console Port	1 (Rear)
POE (802.3af) Ports	15.4Watts (Ports 5-24)
POE+ (802.3at) Ports	31.4Watts (Port1-4)
PoE Power Budget	185 Watts
DIMENSIONS	
Height	1.6 in (3.8 cm)
Width	17.3 in (44 cm)
Length	12 in (30.4 cm)
Weight	10.15 lb (4.6 kg)
Rack Mountable	Yes
Power Supply	Internal AC Power
AC Power	100-240 VAC, 60-50 Hz
Power Consumption (AVG)	Up to 263 W
Redundant Power Supply	14-pin DC RPS connector
ENVIRONMENT	
Operating temperature	32 - 104 °F (0 - 40 °C)
Storage temperature	32 - 122 °F (0 - 50 °C)
Humidity	5 to 95% non-condensing
Compliance	RoHS

Technical Specifications	
LAYER 2	
	IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
	IEEE 802.1p Mapping to Priority Queue
	IEEE 802.1AB LLDP
	IEEE 802.3ad Link Aggregation
	IEEE 802.1AX Link Aggregation
	IEEE 802.3x Flow Control
	IEEE 802.3 10Base-T
	IEEE 802.3u 100Base-TX
	IEEE 802.3z 1000Base-SX/LX
	IEEE 802.3ab 1000Base-T
	802.3ae 10 Gigabit Ethernet
	802.1ad Q-in-Q
SECURITY	
	L2, L3, L4 ACL
	sFlow
	802.1X Port MAC Security, with Multiple MAC address per port
	RFC 3376 IGMPv3
MANAGEMENT	
	Telnet, SSH, SNMP
RFC and MIB SUPPORT	
	IEEE 802.1AB Link Layer Discovery Protocol (LLDP)
	RFC 1542 BootP Extensions
	RFC 2131 DHCP
	RFC 854 TELNET Server
	RFC 1493 Bridge MIB
	RFC 1643 Ethernet-like Interface MIB
	RFC 3176 sFlow
	RFC 1516 Repeater MIB
	RFC 1757 RMON MIB
	RFC 2572 SNMP Message Processing and Dispatching
	RFC 1573 SNMP MIB II
	RFC 1157 SNMPv1/v2c
	RFC 2030 SNTP

Ordering Info		
Product	SKU	Description
FortiSwitch-324B-POE	FS-324B-POE	Gigabit Ethernet POE Switch with 24 Copper ports and 4 shared SFP cages. POE power can be supplied to all 24 ports with 4 high power POE+. 802.3af and 802.3at compatible. Ideal for VoIP and Wireless AP applications as wire closet Ethernet edge.

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