



DATASHEET

FortiGate®-200B/200B-POE

Wire-Speed Protection for Wired & Wireless Networks



Unmatched Performance and Protection

The FortiGate-200B and FortiGate-200B-POE platforms deliver wire-speed performance and integrated threat management for wired or wireless networks. Their purpose-built processors provide up to 5 Gbps firewall throughput, enabling you to protect your applications and network without affecting availability or performance.

The FortiGate-200B series provides comprehensive threat protection with Fortinet's unmatched range of enterprise-grade security technologies. It delivers firewall, VPN (IPSec and SSL), intrusion prevention, antivirus/antispysware, antispam, and web filtering technologies. The platforms also provides application control, data loss prevention, dynamic routing for IPv4 and IPv6, end point NAC, and SSL-encrypted traffic inspection. With no per-user pricing, you can deploy the specific technologies you need for your unique environment.

Wireless LAN Support

The FortiGate-200B series allows you to manage all of your security policies for both your wired and wireless networks from a single platform. Both models can act as wireless controllers for FortiAP wireless access points (WAPs). The FortiGate-200B-POE also delivers Power Over Ethernet (POE) for up to 8 WAPs. Consolidating all network traffic through the FortiGate-200B series enables you to increase your network visibility and improve policy compliance while eliminating the need to manage a separate WLAN network.

Fortinet Storage Module

The FortiGate-200B series also includes a Fortinet Storage Module (FSM) bay. The optional FSM provides disk-based storage for you to archive content locally for policy compliance. Alternately, you can use the FSM to enable WAN optimization, which improves network performance while reducing your costs.

Switch-Like Performance

FortiASIC purpose-built processors ensure that your security countermeasures will not become a network bottleneck. The FortiASIC CP6 processor delivers acceleration for encryption/decryption features, including IPSec VPN and SSL inspection. The FortiASIC NP2 processor delivers firewall and VPN throughput at switching speeds by performing high-speed processing of network flows.

The FortiGate Product Family: Integrated Multi-Threat Protection

The FortiGate product family provides cost-effective, comprehensive protection against network, content, and application-level threats. It defends your environment from complex, sophisticated attacks without degrading network availability and affecting application performance.

FortiGate platforms combine the purpose-built FortiOS™ security operating system with custom FortiASIC processors and other hardware to provide a comprehensive and high-performance array of security and networking functions.

The FortiGate product family delivers the highest level of network, content, and application security for enterprises of all sizes, while reducing total cost of ownership. With Fortinet, you deploy the network security you need to protect your intellectual property, preserve the privacy of critical customer information, and maintain regulatory compliance.

Features

Benefits

Enterprise-grade protection for smaller networks

Enables small and medium businesses to deploy FortiGate's unmatched protection and performance at an affordable price.

Wireless Controller for Wireless Access Points

Eliminates potential security blind spots by integrating policy enforcement for wired and wireless networks.

Centralized management

FortiManager and FortiAnalyzer centralized management and reporting appliances simplify the deployment, monitoring, and maintenance of your security infrastructure.

Industry Certification



Technical Specifications	FG-200B	FG-200B-POE
Hardware Specifications		
Accelerated 10/100/1000 Interfaces (Copper, RJ-45)	4	
10/100/1000 Interfaces (Copper, RJ-45)	4	
10/100 Switch Interfaces (Copper, RJ-45)	8	0
10/100 Switch Interfaces - POE (Copper, RJ-45)	0	8
Console (Copper, RJ-45)	1	
USB Interfaces	3	
FSM Storage Bay	1	
System Performance		
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	5 / 5 / 4 Gbps	
Firewall Latency (64 byte UDP packets)	2 µs	
Firewall Throughput (Packets Per Second)	6 Mpps	
Concurrent Sessions (TCP)	500,000	
New Sessions/Sec (TCP)	15,000	
Firewall Policies	10,000	
IPSec VPN Throughput (512 byte packets)	2.5 Gbps	
Gateway-to-Gateway IPSec VPN Tunnels	2,000	
Client-to-Gateway IPSec VPN Tunnels	2,000	
SSL-VPN Throughput	110 Mbps	
Concurrent SSL-VPN Users (Recommended Max)	200	
IPS Throughput	650 Mbps	
Antivirus Throughput (Proxy Based / Flow Based)	95 / 200 Mbps	
Virtual Domains (Default / Max)	10 / 10	
Max Number of FortiAPs	32	
Max Number of FortiTokens	1,000	
Max Number of Registered FortiClients	2,000	
Unlimited User Licenses	Yes	

Technical Specifications	FG-200B	FG-200B-POE
Dimensions		
Height x Width x Length	1.75 x 17.01 x 11.6 in (4.4 x 43.2 x 29.4 mm)	
Weight	9 lbs 13 oz (4.45 kg)	
Rack Mountable	Yes	
Environment		
Power Required	100-240 VAC, 60-50 Hz, 2 - 1 Amp	100-240 VAC, 60-50 Hz, 5 - 4 Amp
Power Consumption (AVG)	58 W	188 W (Based on 8 POE devices)
Heat Dissipation	198 BTU	641 BTU
Operating Temperature	32 – 104 deg F (0 – 40 deg C)	
Storage Temperature	-31 to 158 deg F (-35 to 70 deg C)	
Humidity	20 to 90% non-condensing	
Redundant Power Supplies	Requires External Option	N/A
Regulatory and Standards Compliance		
Compliance	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB	
Certifications	ICSA Labs: Firewall, IPSec, IPS, Antivirus, SSL VPN	
All performance values are "up to" and vary depending on system configuration. Antivirus performance is measured using 44 Kbyte HTTP files. IPS performance is measured using 1 Mbyte HTTP files.		

Ordering Information	
Unit	SKU
FortiGate-200B	FG-200B
FortiGate-200B-POE	FG-200B-POE
Optional Accessories	SKU
FG-310B and FG-300C External Redundant Power Supply	SP-FG310B-RPS
FRPS-100 Redundant AC power supply, supports four FG-200B/300C/310B units	FRPS-100

FortiGuard® Security Subscription Services deliver dynamic, automated updates for Fortinet products. The Fortinet Global Security Research Team creates these updates to ensure up-to-date protection against sophisticated threats. Subscriptions include antivirus, intrusion prevention, web filtering, antispam, vulnerability and compliance management, application control, and database security services.

FortiCare™ Support Services provide global support for all Fortinet products and services. FortiCare support enables your Fortinet products to perform optimally. Support plans start with 8x5 Enhanced Support with "return and replace" hardware replacement or 24x7 Comprehensive Support with advanced replacement. Options include Premium Support, Premium RMA, and Professional Services. All hardware products include a 1-year limited hardware warranty and 90-day limited software warranty.

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