



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/antispymware, 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.

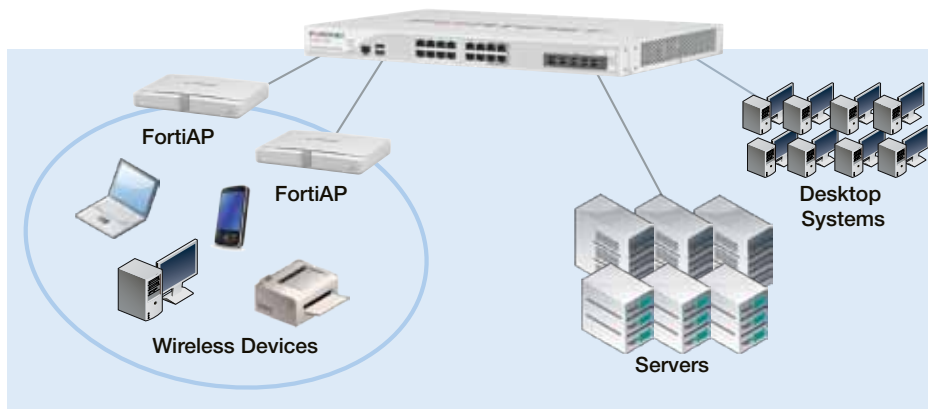
### Industry Certification



| Technical Specifications                               | FG-200B        | FG-200B-POE |
|--|----------------|-------------|
| <b>Hardware Specifications</b>                         |                |             |
| 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           |
| <b>System Performance</b>                              |                |             |
| 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 (System / VDOM)                      | 12,000 / 6,000 |             |
| IPSec VPN Throughput (512 byte packets)                | 2.5 Gbps       |             |
| Gateway-to-Gateway IPSec VPN Tunnels (System / VDOM)   | 2,000 / 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 / FortiTokens                   | 32 / 1,000     |             |
| Unlimited User Licenses                                | Yes            |             |

| Technical Specifications (Continued)   | FG-200B   | FG-200B-POE                   |
|--|---|-------------------------------|
| <b>Dimensions</b>  |   |                               |
| Height x Width x Length (in)   | 1.75 x 17 x 11.6 in                                 |                               |
| Height x Width x Length (cm)   | 4.45 x 43.2 x 29.35 cm                              |                               |
| Weight   | 9 lbs 13 oz (4.45 kg)                               |                               |
| Rack Mountable   | Yes   |                               |
| <b>Environment</b>   |   |                               |
| Power Required   | 100-240 VAC, 60-50 Hz                               |                               |
|  | 2 - 1 Amp   | 5 - 4 Amp                     |
| External Redundant Power Supply (FG-200B only)   | Requires External Option (FG-310B-RPS)              |                               |
| Power Consumption (AVG)  | 74 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                            |                               |
| <b>Regulatory and Standards Compliance</b>   |   |                               |
| Compliance   | FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB   |                               |
| Certifications   | ICSA Labs: Firewall, IPSec, IPS, Antivirus, SSL VPN |                               |
| Antivirus performance is measured based on HTTP traffic with 32Kbyte file attachments. IPS performance is measured base on NSS like test methodology with 44K HTTP files. Actual performance may vary depending on network traffic and environments. |   |                               |

**FortiGate-200B**  
**FortiGate-200B-POE**



**Protection for Wired and Wireless Networks**

Both the FortiGate-200B and FortiGate-200B-POE platforms allow you to manage all of your security policies for both your wired and wireless networks. Both models can act as wireless controllers for FortiAP WAPs. The FortiGate-200B-POE has the added benefit of delivering POE for up to 8 WAPs.

You can also reduce your costs and increase your policy compliance by consolidating all network traffic through the FortiGate-200B series. Consolidation eliminates the need to manage a separate WLAN and increases your overall network visibility.

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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