

# FORTIGATE™ 50A/100

## Real Time Network Protection for SOHO/Branch Office

FortiGate™ Antivirus Firewalls are dedicated, hardware-based units that deliver complete, real-time network protection services at the network edge. Based on Fortinet's revolutionary FortiASIC™ Content Processor chip, the FortiGate platforms are the only systems that can detect and eliminate viruses, worms, and other content-based threats without reducing network performance — even for real-time applications like Web browsing. FortiGate systems also include integrated firewall, content filtering, VPN, intrusion detection and prevention, and traffic shaping functions, making them the most cost effective, convenient, and powerful network protection solutions available.



Tailored for the needs of smaller offices, the FortiGate-50A and FortiGate-100 systems deliver the same enterprise class, network-based antivirus, content filtering, firewall, VPN, and network-based intrusion detection/prevention featured in all FortiGate models. Both the FortiGate-50A and FortiGate-100 support an unlimited number of users, and are ideally suited for small businesses, remote offices, retail stores, broadband telecommuter sites, and many other applications. The capabilities and speed of the FortiGate-50A are unmatched by comparable devices in its class. The FortiGate-100 includes all of the capabilities of the FortiGate-50A and adds a DMZ port, traffic shaping, and increased throughput. The FortiGate-50A and FortiGate-100 are kept up to date automatically by Fortinet's FortiProtect Network, which provides continuous updates that ensure protection against the latest viruses, worms, Trojans, intrusions and other threats — around the clock, and around the world.

## Product Highlights

- Provides complete real-time network protection through a combination of network-based antivirus, web content filtering, firewall, VPN, network-based intrusion detection and prevention, traffic shaping, and anti-spam
- Eliminates viruses and worms from email, file transfer, and real-time (Web) traffic without degrading network performance
- Easy to use and deploy – quick and easy configuration wizard walks administrators through initial setup with graphical user interface
- Reduces exposure to threats by detecting and preventing over 1300 different intrusions, including DoS and DDoS attacks
- Boasts the best combination of price, performance, and value relative to all other products on the market
- Delivers superior performance and reliability from hardware accelerated, ASIC-based architecture
- Automatically downloads the latest virus and attack database and can accept instant “push” updates from the FortiProtect Network
- Manage thousands of FortiGate units through the FortiManager™ central management tool
- Underlying FortiOS™ operating system is ICSE-certified for Antivirus, Firewall, IPSec VPN, and Intrusion Detection
- Virus quarantine enables easy submission of attack sample to Fortinet Threat Response Team
- Web-based graphical user interface and content filtering supports multiple languages

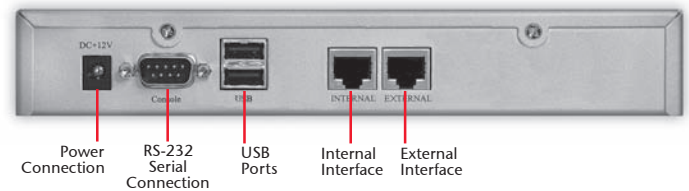
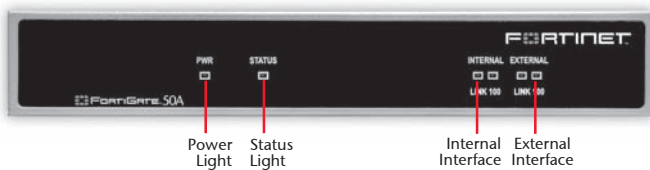
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## Key Features & Benefits

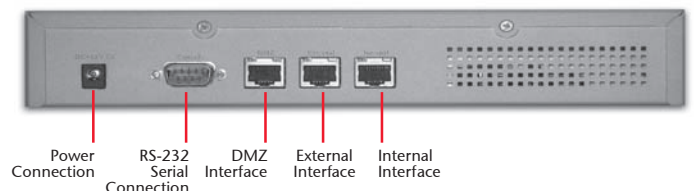
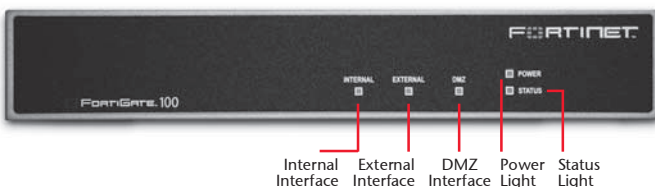
Feature	Description	Benefit
<b>Network-based Antivirus</b> (ICSA Certified)	Detects and eliminates viruses and worms in real-time. Scans incoming and outgoing email attachments (SMTP, POP3, IMAP) and Web (HTTP) and file transfer (FTP) traffic – without degrading Web performance	Closes the vulnerability window by stopping viruses and worms before they enter the network
<b>AV-VPN</b>	Scans and eliminates viruses and worms found in encrypted VPN tunnels	Prevents infection by remote users and partners
<b>Firewall</b> (ICSA Certified)	Industry standard stateful inspection firewall	Certified protection, maximum performance and scalability
<b>Web Content Filtering</b>	Processes Web content to block inappropriate material and malicious scripts via URL blocking and keyword/phrase blocking	Assures improved productivity and regulatory compliance
<b>VPN</b> (ICSA Certified)	Industry standard PPTP, L2TP, and IPSec VPN support	Lower costs by using the public Internet for private site-to-site and remote access communications
<b>Dynamic Intrusion Detection and Prevention</b> (ICSA Certified)	Detection and prevention of over 1300 intrusions and attacks, including DoS and DDoS attacks, based on user-configurable thresholds. Automatic updates of IPS signatures from FortiProtect Network	Stops attacks that evade conventional antivirus products, with real-time response to fast-spreading threats
<b>Remote Access</b>	Supports secure remote access from any PC equipped with Fortinet Remote VPN Client	Low cost, anytime, anywhere access for mobile and remote workers and telecommuters

## System Specifications

FortiGate-50A



FortiGate-100



# FORTIGATE™ 50A/100

## Specifications

	FortiGate-50A	FortiGate-100	FortiGate-50A	FortiGate-100
<b>Interfaces</b>				
10/100 Ethernet Ports	2	3		
DMZ port		•		
<b>System Performance</b>				
Concurrent sessions	25,000	200,000		
New sessions/second	1000	4,000		
Firewall throughput (Mbps)	50	95		
168-bit Triple-DES throughput (Mbps)	10	25		
Users	Unrestricted	Unrestricted		
Policies	500	1000		
Schedules	256	256		
<b>Antivirus, Worm Detection &amp; Removal</b>				
Automatic virus database update from FortiProtect Network	•	•		
Scans HTTP, SMTP, POP3, IMAP, FTP and encrypted VPN Tunnels	•	•		
Block by file size	•	•		
<b>Firewall Modes and Features</b>				
NAT, PAT, Transparent (bridge)	•	•		
Routing mode (RIPv1, v2)	•	•		
Virtual domains	2	2		
VLAN tagging (802.1q)	•	•		
User Group-based authentication	•	•		
H.323 NAT Traversal	•	•		
WINS support	•	•		
<b>VPN</b>				
PPTP, L2TP, and IPSec	•	•		
Dedicated tunnels	20	80		
Encryption (DES, 3DES, AES)	•	•		
SHA-1 / MD5 authentication	•	•		
Supports Fortinet Remote VPN Client	•	•		
PPTP, L2TP, VPN client pass through	•	•		
Hub and Spoke VPN support	•	•		
IKE certificate authentication (X.509)	•	•		
Manual key and Auto key IKE	•	•		
IPSec NAT Traversal	•	•		
Aggressive mode	•	•		
Replay protection	•	•		
Remote access VPN	•	•		
Interoperability with major VPN vendors	•	•		
<b>Content Filtering</b>				
URL/keyword/phrase block	•	•		
URL Exempt List	•	•		
Protection profiles	32	32		
Blocks Java Applet, Cookies, Active X	•	•		
FortiGuard™ web filtering support	•	•		
<b>Dynamic Intrusion Detection and Prevention</b>				
Intrusion prevention for over 1300 attacks	•	•		
Automatic real-time updates from FortiProtect Network	•	•		
Customizable detection signature list	•	•		
<b>Anti-Spam</b>				
Real-time Blacklist/Open Relay Database Server	•	•		
MIME header check	•	•		
Keyword/phrase filtering	•	•		
IP address blacklist/exempt list	•	•		
<b>Logging/Monitoring</b>				
Log to remote Syslog/WELF server			•	•
SNMP			•	•
Graphical real-time and historical monitoring			•	•
Email notification of viruses and attacks			•	•
VPN tunnel monitor			•	•
<b>Networking</b>				
Multiple WAN link support				•
PPPoE client			•	•
DHCP client			•	•
DHCP server (Internal)			•	•
Policy-based routing			•	•
<b>System Management</b>				
Console interface (RS-232)			•	•
WebUI (HTTPS)			•	•
Multi-language support			•	•
Command line interface			•	•
Secure Command Shell (SSH)			•	•
FortiManager System			•	•
<b>Administration</b>				
Multiple administrators and user levels			•	•
Upgrades & changes via TFTP & WebUI			•	•
System software rollback			•	•
<b>User Authentication</b>				
Internal database			•	•
External LDAP/RADIUS database support			•	•
RSA SecurID			•	•
IP/MAC address binding			•	•
Xauth over RADIUS support for IPSec VPN			•	•
<b>Traffic Management</b>				
DiffServ setting			•	•
Policy-based traffic shaping			•	•
Guaranteed/Maximum/Priority bandwidth			•	•
<b>Dimensions</b>				
Height			1.38 inches	1.75 inches
Width			8.63 inches	10.25 inches
Length			6.13 inches	6.13 inches
Weight			1.5 lb (0.68 kg)	1.75 lb (0.8 kg)
<b>Power</b>				
DC input voltage			12V	12V
DC input current			3A	5A
<b>Environmental</b>				
Operating Temperature			32 to 104 °F (0 to 40 °C)	32 to 104 °F (0 to 40 °C)
Storage Temperature			-13 to 158 °F (-25 to 70 °C)	-13 to 158 °F (-25 to 70 °C)
Humidity			5 to 95% non-condensing	5 to 95% non-condensing
<b>Compliance &amp; Certifications</b>				
FCC Class A Part 15			•	•
CE			•	•
UL			•	•
ICSA Antivirus, Firewall, IPSec, NIDS			•	•

# FORTIGATE™ 50A/100

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