FORTIGATE™ 200A

Real-time Network Protection for Small and Medium Business

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.

The FortiGate-200A Antivirus Firewall is an ideal solution for small to medium sized businesses. The FortiGate-200A platform features dual WAN link support for redundant internet connections, and an integrated 4-port switch that eliminates the need for an external hub or switch, giving networked devices a direct connection to the FortiGate-200A unit. Dual DMZ interfaces allow for multiple connections to web and email servers for granular network segmentation. Ideally suited for small and medium-sized businesses, branch and satellite offices, the FortiGate-200A is unmatched in capabilities, speed, and price/performance. The FortiGate-200A is kept up to date automatically by Fortinet's FortiProtect™ Network, which provides continuous updates that ensure protection against the latest viruses, worms, Trojans, and other threats — around the clock, and around the world.
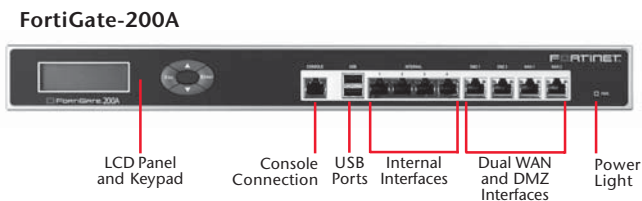
Product Highlights

- Provides complete real-time network protection through a combination of network-based antivirus, web and email content filtering, firewall, VPN, dynamic intrusion detection and prevention, traffic shaping, and anti-spam

- Eliminates viruses, worms, and grayware/spyware 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

- Dual WAN ports support redundant, load-balanced links to multiple ISPs

- Integrated 4-port switch eliminates the need for external switches and provides enhanced fan-out

- Reduces exposure to threats by detecting and preventing over 1300 different intrusions, including DoS and DDoS attacks

- 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 ICSA-certified for Antivirus, Firewall, IPSec VPN, and Intrusion Detection

- Web-based graphical user interface and content filtering supports multiple languages

FortiGate™ 200A

Key Features & Benefits

Feature	Description	Benefit
Network-based Antivirus (ICSA Certified)	Detects and eliminates viruses and worms in real-time. Scans incoming and outgoing email attachments (SMTP, POP3, IMAP) and all FTP and HTTP traffic including web-based email — without degrading Web performance	Closes the vulnerability window by stopping viruses and worms before they enter the network
Dynamic Intrusion Detection and Prevention (ICSA Certified)	Detection and prevention of over 1300 intrusions and attacks, based on user-configurable thresh-olds. Automatic update of IPS signatures from FortiProtect Network.	Stops attacks that evade conventional antivirus products, with real-time response to fast-spreading threats
Firewall (ICSA Certified)	Powerful stateful inspection firewall	Certified protection, maximum performance and scalability
Web Content Filtering	Processes all Web content to block inappropriate material and malicious scripts	Assures improved productivity for enterprise and regulatory compliance for CIPA-compliant educational institutions
VPN (ICSA Certified)	Industry standard IPSec, PPTP, and L2TP VPN support	Provide secure communication tunnels between networks and clients
Remote Access	Supports secure remote access from any PC equipped with FortiClient Host Security software	Low cost, anytime, anywhere access for mobile and remote workers and telecommuters
Dual WAN Interfaces	Two WAN interfaces provide support for two separate connections to the Internet	Built-in failover and redundancy when one Internet connection goes down, the other automatically takes over all sessions
USB Expansion Ports	USB ports can support future enhancements including dial-up or broadband modems	Expandability, investment protection
Built-in 4-Port Switch	Integrated switch with four 10/100 ethernet ports for directly connecting network devices	Eliminates the need for an external switch or hub

System Specifications

FortiGate-200A

LCD Panel and Keypad · Console Connection · USB Ports · Internal Interfaces · Dual WAN and DMZ Interfaces · Power Light

Power Connection · Power Switch

FortiGate 200A

Specifications

FortiGate-200A

Interfaces

10/100 Ethernet ports	4
4-Port Switch	•
DMZ port	2
USB ports	2

System Performance

Concurrent sessions	400,000
New sessions/second	4,000
Firewall throughput (Mbps)	150
168-bit Triple-DES throughput (Mbps)	70
Antivirus throughput* (Mbps)	8
Users	Unrestricted
Policies	2000
Schedules	256

Antivirus, Worm Detection & Removal

Automatic virus database update from FortiProtect Network	•
Scans HTTP, FTP, SMTP, POP3, IMAP, and encrypted VPN Tunnels	•
Block by file size	•

Firewall Modes and Features

NAT, PAT, Transparent (bridge)	•
Routing mode (RIP v1, v2)	•
Policy-based NAT	•
Virtual domains	2
VLAN tagging (802.1q)	•
User Group-based authentication	•
H.323 NAT Traversal	•
WINS support	•

VPN

PPTP, L2TP, and IPSec	•
Dedicated tunnels	200
Encryption (DES, 3DES, AES)	•
SHA-1 / MD5 authentication	•
PPTP, L2TP, VPN client pass though	•
Hub and Spoke VPN support	•
IKE certificate authentication	•
IPSec NAT Traversal	•
Dead peer detection	•

Content Filtering

URL/keyword/phrase block	•
URL Exempt List	•
Protection profiles	32
Blocks Java Applet, Cookies, Active X	•
FortiGuard™ web filtering support	•

Dynamic Intrusion Detection and Prevention

Intrusion prevention for over 1300 attacks	•
Automatic real-time updates from FortiProtect Network	•
Customizable detection signature list	•

Anti-Spam

Real-time Blacklist/Open Relay Database Server	•
MIME header check	•
Keyword/phrase filtering	•
IP address blacklist/exempt list	•

FortiGate-200A

Logging/Monitoring

Internal HDD	Optional
Log to remote Syslog/WELF server	•
Graphical real-time and historical monitoring	•
SNMP	•
Email notification of viruses and attacks	•
VPN tunnel monitor	•

Networking

Multiple WAN link support	•
Multi-zone support	•
Route between zones	•
Policy-based routing	•

System Management

Console interface	•
WebUI (HTTPS)	•
Multi-language support	•
Command line interface	•
Secure Command Shell (SSH)	•
FortiManager System	•

Administration

Role-based administration	•
Multiple administrators and user levels	•
Upgrades & changes via TFTP & WebUI	•
System software rollback	•

User Authentication

Internal database	•
External LDAP/RADIUS database support	•
RSA SecurID	•
Xauth over RADIUS support for IPSec VPN	•
IP/MAC address binding	•

Traffic Management

DiffServ setting	•
Policy-based traffic shaping	•
Guaranteed/Maximum/Priority bandwidth	•

Dimensions

Height	1.75 inches
Width	17 inches
Length	10.6 inches
Weight	10.3 lb (4.7 kg)

Power

AC input voltage	100 to 240VAC
AC input current	1.6A
Frequency	50 to 60Hz
Power Dissipation	50W max

Environmental

Operating Temperature	32 to 104 °F (0 to 40 °C)
Storage Temperature	-13 to 158 °F (-25 to 70 °C)
Humidity	5 to 95% non-condensing

Compliance

FCC Class A Part 15, CE, UL, CUL, C-Tick, VCCI, CB	•
ICSA Antivirus, Firewall, IPSec, NIDS	•

*AV Performance for HTTP, FTP, POP3, IMAP, and SMTP traffic only

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