FortiGate™ 300A

Real Time Network Protection for Small and Medium Enterprises

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-300A Antivirus Firewall provides performance, flexibility, and security necessary to protect today's growing small and medium sized enterprise networks. The FortiGate-300A platform features two 10/100/1000 tri-speed ethernet ports for networks running at or upgrading to gigabit speeds. 4 user-definable 10/100 ports can be assigned to provide redundant WAN links, high availability, and multi-zone capabilities, allowing administrators a high degree of flexibility to segment their network into zones and create policies to control network traffic between zones. Ideally suited for small and medium-sized enterprises, the FortiGate-300A is unmatched in capabilities, speed, and price/performance. The FortiGate-300A 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

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

- User-definable ports allows for flexibility in deployment

- High-availability option supports transparent failover for mission-critical applications

- 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
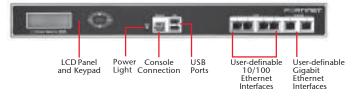
FortiGate™ 300A

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 thresholds. 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
User-definable Interfaces	Six user-definable interfaces (2 10/100/1000 gigabit and 4 10/100 ethernet ports) allows for flexible deployment options	Provides redundant HA options, and the ability to segment the network into zones and create policies between zones

System Specifications

FortiGate-300A

LCD Panel and Keypad — Power Light — Console Connection — USB Ports — User-definable 10/100 Ethernet Interfaces — User-definable Gigabit Ethernet Interfaces — Power Connection — Power Switch

FORTIGATE™ 300A

Specifications

FortiGate-300A

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Interfaces
10/100/1000 Gigabit Ethernet Ports	2
10/100 Ethernet ports	4
USB ports	2

System Performance
Concurrent sessions	400,000
New sessions/second	10,000
Firewall throughput (Mbps)	400
168-bit Triple-DES throughput (Mbps)	120
Antivirus throughput* (Mbps)	70
Users	Unrestricted
Policies	5000
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)	•
OSPF support	•
Policy-based NAT	•
Virtual domains (NAT/transparent mode)	2/10
VLAN tagging (802.1q)	•
User Group-based authentication	•
H.323 NAT Traversal	•
WINS support	•

VPN
PPTP, L2TP, and IPSec	•
Dedicated tunnels	1500
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	•

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	12.6 inches
Weight	11.9 lbs (5.4 kgs)

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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