

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

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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

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Specifications

	FortiGate-300A	FortiGate-300A
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 through	•	
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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