

FORTIGATE™ 800

Real Time Content Security for Large Enterprises



FortiGate™ Antivirus Firewalls are the world's leading UTM security appliance that provides 7 enterprise-class security functions to proactively detect and stop today's sophisticated blended attacks. Based on Fortinet's revolutionary FortiASIC™ Content Processor technology, security functions are accelerated to provide class leading performance and value in a hardened security platform. 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-800 or 800F is an ideal solution for high performance antivirus and content filtering gateway, or as a complete network protection solution leveraging firewall, VPN, and IDP capabilities. The FortiGate-800 Antivirus Firewall features 4 10/100/1000 tri-speed ethernet ports for networks running at gigabit speeds and 4 user-definable 10/100 ports that provide granular security through multi-zone capabilities, allowing administrators to segment their network into zones and create policies between zones. The FortiGate-800F Antivirus Firewall has 4 gigabit speed Small Form-factor Pluggable (SFP) ports for users that require fiber connectivity, combined with 4 user definable 10/100 ports. A high-availability port allows two or more FortiGate-800 or 800F Antivirus Firewalls to be configured in redundant clusters for improved scalability and uptime. All FortiGate-800 Antivirus Firewall models are kept up to date automatically by Fortinet's FortiProtect™ Network, which provides continuous updates for FortiGuard subscription services that ensure protection against the latest viruses, worms, Trojans, and other threats — around the clock, and around the world.

Product Highlights

- Combines stateful firewall, antivirus, IDS/IDP, antispam, web filtering, VPN, and traffic shaping in a single hardened solution to provide unsurpassed feature, functionality, and value
- Proactively detects and stops network-based threats such as viruses, worms, trojans, spyware and other malicious content in real-time
- Protection for more than 6000 threats with automatic updates to provide timely protection against the latest attacks
- Award winning technology combining stateful inspection, signature matching, deep packet inspection, full content reassembly, and activity inspection with the industry's only threat correlation engine - Dynamic Threat Prevention System.
- Class leading cost of ownership with easy to use graphical user interface for rapid setup, fast implementation, and low TCO
- Reduce IT administration expenditures by eliminating threats and infections before they enter your network
- Lower corporate exposure to litigation brought about by inappropriate or unauthorized network use
- Extensive 3rd party validation and certification with ICSA Labs, FIPS 140-2, Common Criteria EAL4+, and numerous editorial awards
- A complete enterprise class security solution with centralized management, logging, reporting and FortiGuard security services
- Intuitive graphical user interface with Wizard-driven setup routines provides class leading, lowest total cost of ownership

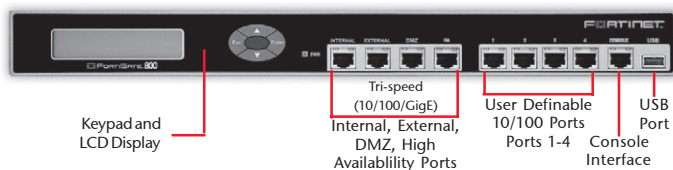
FORTIGATE™ 800

Key Features & Benefits

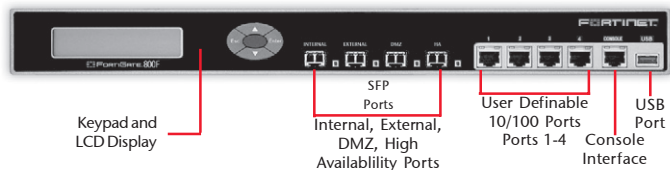
Feature	Description
Firewall	Prevents access from unauthorized users and applications, provides granular customized security policies
Antivirus	Proactively identifies and stops viruses and worms before they can infect individual systems
Intrusion Detection & Prevention	Inline proactive network defenses prevent malicious activity
Antispam	Identifies, tags, or removes spam emails to preserve email resources and improve employee productivity
Web Filtering	Filters web surfing activities to prevent inappropriate use and abuse of network resources, and helps improve regulatory compliance while reducing exposure to legal liability
VPN	Provides secure remote connectivity for mobile users, remote and branch offices, and partners
Traffic Shaping	Ensures business productivity by guaranteeing bandwidth for critical applications
Spyware Blocking	Proactively identifies and blocks user access to spyware, keystroke loggers, and other malicious code
Operation Mode	Flexible deployment options for either transparent or NAT/route mode
Automated Updates	Ensures protection against the latest threats by automatically updating virus, attack signatures and detection engines
Logging and Reporting	Enterprise-class logging and reporting with a complete family of management products

System Specifications

FortiGate-800



FortiGate-800F





Specifications

FortiGate-800/800F

Interfaces

10/100 Ethernet Ports	4
4 x 10/100/1000 Gigabit Ethernet Ports	FG-800 only
4 x SFP Ports (SX transceivers standard*)	FG-800F only

System Performance

Concurrent sessions	400,000
New sessions/second	10,000
Firewall throughput	1 Gbps
168-bit Triple-DES throughput	200 Mbps
Users	Unrestricted
Policies	20K
Schedules	256

Antivirus, Worm Detection & Removal

Scans HTTP, FTP, SMTP, POP3, IMAP, and encrypted VPN Tunnels	•
Quarantine infected messages	•
Block by file size	•
Automatic update of antivirus database from FortiProtect Network	•

Firewall Modes and Features

NAT, PAT, Transparent (bridge)	•
Routing mode (RIP v1, v2)	•
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	3000
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	•
Content 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 logging/removable HD	40G
Log to remote Syslog/WELF server	•
Graphical real-time and historical monitoring	•

*LX transceivers are available as an additional option.

FortiGate-800/800F

SNMP	•
Email notification of viruses and attacks	•
VPN tunnel monitor	•

High Availability (HA)

Active-active/Active-passive HA	•
Stateful failover (FW and VPN)	•
Device failure detection & notification	•
Link status monitor	•
Link failover	•

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 / Width / Length	1.75 inches, 16.75 inches, 12 inches
Weight	10 lb (4.5 kg)
Rack Mountable	•

Power

AC input voltage	110 to 240VAC
AC input current	4A
Frequency	50 to 60Hz
Power Dissipation	300W max

Environmental

Operating Temperature	41 to 95 °F (5 to 40 °C)
Storage Temperature	-4 to 176 °F (-20 to 80 °C)
Humidity	10 to 90% non-condensing

Regulatory

FCC Class A Part 15	•
CE	•
UL	•
ICSA Antivirus, Firewall, IPSec, NIDS	•

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