# FortiGate™ 800

## Real-time Content Security for Large 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-800 Antivirus Firewall provides the performance, flexibility, and security necessary to protect today's most demanding large enterprise networks. The FortiGate-800 can be deployed as a 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. A high-availability port allows two or more FortiGate-800 Antivirus Firewalls to be configured in redundant clusters for improved scalability and uptime. All FortiGate-800 Antivirus Firewalls are 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

- Comprehensive security solution combines network-based antivirus, web content filtering, firewall, VPN, and intrusion detection and prevention, and traffic shaping
- Eliminate viruses and worms from email, file transfer, and real-time (Web) traffic without degrading network performance
- Provides granular security with independent security zones and policies mapped to VLAN tags
- Reduces exposure to threats by detecting and preventing over 30 different intrusions, including DoS and DDoS attacks
- High-availability option supports transparent failover for mission-critical applications
- High performance allows cost-effective deployment in enterprise networks
- 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
- Underlying FortiOS™ operating system is ICSA-certified for Antivirus, Firewall, IPSec VPN and Intrusion Detection
- Easy to use and deploy – quick and easy configuration wizard walks administrators through initial setup with graphical user interface
- Virus quarantine enables easy submission of attack samples to the Fortinet Threat Response Team
- Tri-speed (10/100/GigE) interfaces reduce costs for users upgrading to gigabit networks

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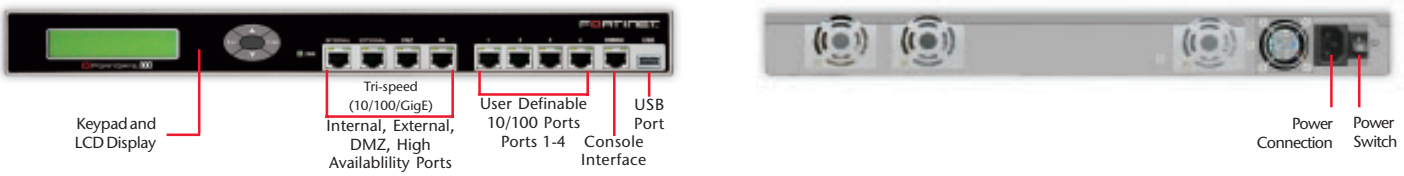
## Key Features & Benefits

| 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 |
| **Intrusion Detection** (ICSA Certified) | Provides alerts based on a customizable data-base of over 1300 attack signatures | Provides real-time warning and forensic data to identify and analyze attacks |
| **Intrusion Prevention** | Active prevention of over 30 intrusions and attacks, based on user-configurable thresholds | Stops the most damaging attacks at the network edge |
| **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 |
| **Transparent Mode** | FortiGate units can be deployed in conjuction with existing firewall and other devices to provide antivirus, content filtering, and other content-intensive applications | Easy integration/investment protection of legacy systems |
| **Remote Access** | 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-800**



# FortiGate™ 800

## Specifications

| | FortiGate-800 |
|---|---|
| **Interfaces** | |
| 10/100 Ethernet Ports | 4 |
| 10/100/1000 Gigabit Ethernet Ports | 4 |
| **System Performance** | |
| Concurrent sessions | 400,000 |
| New sessions/second | 10,000 |
| Firewall throughput (Mbps) | 600 Mbps |
| 168-bit Triple-DES throughput (Mbps) | 200 Mbps |
| Unlimited concurrent users | • |
| 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 | • |
| **Firewall Modes and Features** | |
| NAT, PAT, Transparent (bridge) | • |
| Routing mode (RIP v1, v2) | • |
| Policy-based NAT | • |
| VLAN tagging (802.1q) | • |
| Access control list (Source IP, Destination IP, TCP port, and UDP port) | • |
| User Group-based authentication | • |
| H.323 NAT Traversal | • |
| WINS support | • |
| **VPN** | |
| PPTP, L2TP, and IPSec | • |
| Dedicated tunnels | 2000 |
| 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 | • |
| Interoperability with major VPN vendors | • |
| **Content Filtering** | |
| URL block | • |
| Keyword/phrase block | • |
| URL Exempt List | • |
| Content profiles | 32 |
| Blocks Java Applet, Cookies, Active X | • |
| Email filtering (keyword, blacklist, exempt list) | • |
| **Intrusion Detection and Prevention** | |
| Detection for over 1300 attacks | • |
| Prevention for over 30 attacks | • |
| Customizable detection signature list | • |
| **Logging/Monitoring** | |
| Internal logging/removable HD | 20G |
| Log to remote Syslog/WELF server | • |
| Graphical real-time and historical monitoring | • |
| SNMP | • |
| Email notification of viruses and attacks | • |
| VPN tunnel monitor | • |

| | FortiGate-800 |
|---|---|
| **High Availability (HA)** | |
| Active-active HA | • |
| Active-passive HA | • |
| Stateful failover (FW and VPN) | • |
| Device failure detection & notification | • |
| Link status 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** | |
| Multiple administrators and user levels | • |
| Upgrades & changes via TFTP & WebUI | • |
| System software rollback | • |
| **User Authentication** | |
| Internal database | • |
| LDAP support | • |
| RADIUS (external) database | • |
| Xauth over RADIUS support for IPSec VPN | • |
| IP/MAC address binding | • |
| **Traffic Management** | |
| Policy-based traffic shaping | • |
| Guaranteed bandwidth | • |
| Maximum bandwidth | • |
| Priority assignment | • |
| **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 to60Hz |
| 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 | • |
| CSA/CUS | • |
| CE | • |
| UL | • |
| ICSA Antivirus | • |
| ICSA Firewall | • |
| ICSA IPSec | • |
| ICSA Intrusion Detection | • |

# FortiGate™ 800


**China**
Suite B-903
Zhongdian Information Building
2 Zhongguancun Nan Ave.
Beijing 100086, China

Tel: +8610-8251-2622
Fax: +8610-8251-2630

**France**
69 rue d'Aguesseau
92100 Boulogne Billancourt
France

Tel: +33-1-4610-5000
Tech Support: +33-4-9300-8810
Fax: +33-1-4610-5025

**Germany**
Feringapark
Feringastrasse 6
85774 München-Unterföhring
Germany

Tel: +49-(0)-89-99216-300
Fax: +49-(0)-89-99216-200

**Hong Kong**
39/F One Exchange Square
8 Connaught Place
Central, Hong Kong

Tel: +852-3101-7681
Fax: +852-3101-7948

**Japan**
32nd floor
Shinjuku-Nomura building
1-26-2 Nishi-Shinjuku
Shinjuku-Ku
Tokyo, Japan 163-0532
Japan

Tel: +81-3-5322-2813
Fax: +81-3-5322-2929

**Korea**
27th Floor
Korea World Trade Center
159 Samsung-Dong
Kangnam-Ku
Seoul 135-729
Korea

Tel: +82-2-6007-2007
Fax: +82-2-6007-2703

**Taiwan**
18F-1, 460 SEC.4
Xin-Yi Road
Taipei, Taiwan, R.O.C.

Tel: +886-2-8786-0966
Fax: +886-2-8786-0968

**United Kingdom**
1 Farnham Road
Guildford, Surrey GU2 4RG
United Kingdom

Tel: +44-(0)-1483-450890
Fax: +44-(0)-1483-450880

**United States**
920 Stewart Drive
Sunnyvale, CA 94085
USA

Tel: +1-408-235-7700
Fax: +1-408-235-7737
Email: sales@fortinet.com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