



DATASHEET

FortiGate®-80C/80CM

Affordable, Enterprise-Class Protection

Proven Security for Remote Offices, Retail, and Customer Premise Equipment

The FortiGate-80C/80CM multi-threat security platforms deliver comprehensive enterprise-class protection at a low price. The FortiGate-80C/80CM platforms make it easy and affordable for you to protect your remote locations, branch offices, customer premise equipment (CPE) and retail networks. With the FortiGate platforms' integrated set of essential security technologies, you can deploy a single device that protects all of your applications and data. The simple per-device pricing, integrated management console, and remote management capabilities significantly reduce your costs associated with deploying and managing complete protection.

Comprehensive Protection

Fortinet's market-leading security technology and research provide unmatched protection against today's sophisticated multi-vector threats. The FortiGate multi-threat security platforms deliver an unmatched range of security technologies. They integrate firewall, IPSec and SSL VPN, antivirus, antispam, intrusion prevention and web filtering into a single device at a single price. They also include data loss prevention (DLP), application control, and endpoint NAC.

The FortiGate-80C/80CM platforms specifically address many policy enforcement requirements included in government or industry regulations, such as the PCI Data Security Standard. They also support migration to new industry standards such as IPv6, supporting dynamic routing or both IPv4 and IPv6 networks. In addition, Fortinet's Global Threat Research Team and ICSA Labs-certified inspection engines ensure that you have the best possible protection in your network.

Purpose-Built Performance and Reliability

Fortinet's purpose-built hardware prevents your network security from becoming your network bottleneck. FortiASIC processors maximize throughput while preventing unauthorized access and eliminating unwanted traffic from your network. The FortiGate-80C/80CM platforms also offer an ExpressCard slot for optional 3G wireless WAN connectivity, ensuring data connectivity in the event of a network failure. The FortiGate-80CM platform give you the additional convenience and reliability of analog modem.



The FortiGate Product Family: Integrated Multi-Threat Protection

The FortiGate product family provides cost-effective, comprehensive protection against network, content, and application-level threats. It defends your environment from complex, sophisticated attacks without degrading network availability and affecting application performance.

FortiGate platforms combine the purpose-built FortiOS™ security operating system with custom FortiASIC processors and other hardware to provide a comprehensive and high-performance array of security and networking functions.

The FortiGate product family delivers the highest level of network, content, and application security for enterprises of all sizes, while reducing total cost of ownership. With Fortinet, you deploy the network security you need to protect your intellectual property, preserve the privacy of critical customer information, and maintain regulatory compliance.

Features

Benefits

Enterprise-grade protection for smaller networks

Enables smaller environments to deploy FortiGate's unmatched protection and performance at an affordable price

Redundant connectivity methods

Dual 10/100/1000 Ethernet, dial modem (FG-80CM model), and optional 3G wireless offer redundant WAN connections to ensure availability of data

Centralized management

FortiManager and FortiAnalyzer centralized management and reporting appliances simplify the deployment, monitoring, and maintenance of the security infrastructure

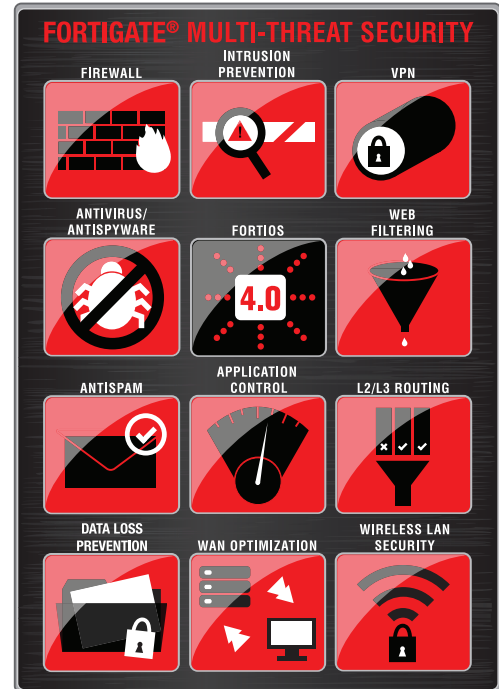
Industry Certification



Technical Specifications	FortiGate-80C	FortiGate-80CM
Hardware Specifications		
10/100/1000 WAN Interfaces (Copper, RJ-45)		2
10/100 Internal Switch Interfaces (Copper, RJ-45)		6
10/100 DMZ Interfaces (Copper, RJ-45)		1
Console (Copper, RJ-45)		1
USB Interfaces		2
ExpressCard Slot		1
Analog Modem	No	Yes
System Performance		
Firewall Throughput (1518 byte UDP packets)		700 Mbps
Firewall Throughput (512 byte UDP packets)		350 Mbps
IPSec VPN Throughput		80 Mbps
IPS Throughput		100 Mbps
Antivirus Throughput		50 Mbps
Gateway-to-Gateway IPSec VPN Tunnels		200
Client-to-Gateway IPSec VPN Tunnels		300
Concurrent Sessions		100,000
New Sessions/Sec		5,000
Concurrent SSL VPN Users (Recommended Max)		60
Firewall Policies (Max)		2,000
Virtual Domains (Max / Default)		10 / 10
Unlimited User Licenses		Yes
Dimensions		
Height x Width x Length (in)		1.75 x 10.87 x 6.13 in
Height x Width x Length (cm)		4.45 x 27.61 x 15.57 cm
Weight		3.5 lbs (1.59 kg)
Wall Mountable		Yes
Environment		
Power Required		100-240 VAC, 50-60 Hz, 0.8 Amp max
Power Consumption (AVG)		32W
Heat Dissipation		107 BTU
Operating Temperature		32 – 104 deg F (0 – 40 deg C)
Storage Temperature		-13 to 158 deg F (-25 to 70 deg C)
Humidity		5 to 95% non-condensing
Compliance		
		FCC Class A Part 15, / CE Mark
Certifications		
		ICSA Labs: Firewall, Antivirus, IPSec VPN, SSL VPN, Intrusion Prevention
Antivirus performance is measured based on HTTP traffic with 32 Kbyte file attachments and IPS performance is measured based on UDP traffic with 512 byte packet size. Actual performance may vary depending on network traffic and environments.		

FortiOS 4.0: Redefining Network Security

FortiOS 4.0 is the software foundation of FortiGate multi-threat security platforms. Developed solely for security, performance and reliability, it is a purpose-built operating system that leverages power of the FortiASIC content and network processors. FortiOS software enables a comprehensive suite of security services: Firewall, VPN, intrusion prevention, antivirus/antispam, antispam, web filtering, application control, data loss prevention, and end point network access control.



Fortinet's ASIC-Based Advantage

FortiASIC is the foundation of Fortinet's unique hardware technology. FortiASIC is a family of purpose built, high-performance network and content processors that uses an intelligent proprietary content scanning engine and multiple algorithms to accelerate compute-intensive security services. FortiASIC provides the performance required to deliver enterprise and carrier-class UTM services. Coupled with the FortiOS security hardened Operating System, FortiASIC delivers extreme performance and security.

FortiGuard® Security Subscription Services deliver dynamic, automated updates for Fortinet products. The Fortinet Global Security Research Team creates these updates to ensure up-to-date protection against sophisticated threats. Subscriptions include antivirus, intrusion prevention, web filtering, antispam, vulnerability and compliance management, application control, and database security services.

FortiCare™ Support Services provide global support for all Fortinet products and services. FortiCare support enables your Fortinet products to perform optimally. Support plans start with 8x5 Enhanced Support with "return and replace" hardware replacement or 24x7 Comprehensive Support with advanced replacement. Options include Premium Support, Premium RMA, and Professional Services. All hardware products include a 1-year limited hardware warranty and 90-day limited software warranty.

FORTINET®

GLOBAL HEADQUARTERS

Fortinet Incorporated
1090 Kifer Road, Sunnyvale, CA 94086 USA
Tel +1.408.235.7700
Fax +1.408.235.7737
www.fortinet.com/sales

EMEA SALES OFFICE – FRANCE

Fortinet Incorporated
120 rue Albert Caquot
06560, Sophia Antipolis, France
Tel +33.4.8987.0510
Fax +33.4.8987.0501

APAC SALES OFFICE – SINGAPORE

Fortinet Incorporated
61 Robinson Road, #09-04 Robinson Centre
Singapore 068893
Tel +65-6513-3730
Fax +65-6223-6784

Copyright© 2010 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, and FortiGuard®, are registered trademarks of Fortinet, Inc., and other Fortinet names herein may also be trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance metrics contained herein were attained in internal lab tests under ideal conditions. Network variables, different network environments and other conditions may affect performance results, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding contract with a purchaser that expressly warrants that the identified product will perform according to the performance metrics herein. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. Fortinet disclaims in full any guarantees. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable. Certain Fortinet products are licensed under U.S. Patent No. 5,623,600.