



FortiGate[®]-82C

Complete Threat Protection for Small and Medium Enterprises

Secure Data Storage and WAN Optimization

Small and medium enterprises (SMEs) operate within the same sophisticated threat environment and under the same regulatory compliance requirements as large enterprises. They must protect the data residing in and traveling between remote offices, customer premise equipment (CPE), and retail networks to centralized locations. However, SMEs often lack the resources with which to stay abreast of continuously evolving threats, as well as comply with data retention and protection policies. SMEs need a simple-to-install, cost-effective, and proven approach to safeguarding their networks.

The FortiGate-82C is a multi-function security platform that combines essential security functions of firewall, IPSec and SSL VPN, antivirus, antispam, intrusion prevention, and web filtering into a single device. The advanced FortiOS operating system also delivers enterprise-class data leakage prevention, SSL inspection, and application control.

The FortiGate-82C provides two additional benefits: Secure data storage for policy compliance, and WAN optimization for improved network performance. Its user-expandable storage includes one terabyte of disk space, eliminating the need to add 3rd party storage. SMEs can use the FortiGate-82C as the foundation for secure storage of personally identifiable information, as well as log files or audit records from applications, servers, and devices.

SMEs also benefit from the FortiGate-82C's ability to optimize WAN performance. WAN optimization increases network performance by reducing the amount of data transmitted across a WAN, resource and bandwidth requirements and lowering networking costs. This integrated, comprehensive approach to data security and storage significantly reduces the cost of deploying multiple technologies separately.

DATASHEET



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

Secure storage of regulated data

Delivers integrated, proven multi-threat security to protect regulated data such as financial information, credit and debit card data, medical history, or other personally identifiable data.

Reduce cost of WAN traffic

WAN optimization capability reduces data transmission, bandwidth utilization, and server requirements. It improves productivity, accelerates networks, and reduces networking costs.

Seamless enterprise-class threat management

Fortinet's integrated approach eliminates gaps in system and network security, lowers cost of ownership, and improves any organizations' security posture.

Industry Certification



Technical Specifications		FortiGate-82C
Hardware Specifications		
10/100/1000 Interfaces (Copper, RJ-45)		4
Console (Copper, RJ-45)		1
USB Interface		2
Disk Drive Bays		4
Default Disk Storage		1 x 1 TB
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)		8.3 x 6.3 x 9.5 in
Height x Width x Length (cm)		21 x 16 x 24 cm
Weight		9.5 lb (4.25 Kg)
Wall Mountable		No
Environment		
Power Required		100 -240 VAC 50-60 Hz, 5 Amp (Max)
Power Consumption (AVG)		68 W
Heat Dissipation		232 BTU
Operating Temperature		32 to 104 deg F (0 - 40 deg C)
Storage Temperature		-31 to 158 deg F (-35 to 70 deg C)
Humidity		20 to 80% 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/antispyware, 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®

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