FORTINET.

FortiGate®-110C

FortiGate®-111C

Security for Small and Medium Enterprise

Secure Networking

Small Today's network security threats have evolved into highly sophisticated assaults using multiple attack vectors to penetrate networks and steal valuable information. Small and medium enterprises and remote branch offices of larger enterprises face these attacks while storing and transferring increasing amounts of sensitive data across their networks. To ensure the security of this sensitive data, legislation such as PCI, HIPAA, Sarbanes-Oxley, and others have warranted the implementation of security measures

The Needs of Small and Medium Enterprise and Branch Offices

In order to comply with legislation and secure the valuable data traversing networks, small and medium enterprises and remote branch offices need a security solution that integrates multiple attack recognition technologies into a single device. With limited budgets and modest remote resources, these smaller networks desire a cost effective solution that is simple to install, connect and maintain. Just as importantly, networks are ever-expanding and need a solution that leaves them with room to grow over time.

Simple, Powerful, Secure

The FortiGate-110C and FortiGate-111C are ideal security solution for small and medium enterprise or remote branch office networks, because they combine firewall, IPSec and SSL VPN, intrusion prevention, antivirus, antimalware, antispam, P2P security, and web filtering to identify numerous types of threats from a single device. The FortiGate-110C installs in minutes, automatically downloading regular updates to protect against the latest viruses, network vulnerabilities, worms, spam and phishing attacks, and nefarious websites with no administrator intervention. Leveraging patented FortiASIC acceleration, the FortiGate-110C offers market-leading performance, with ten ports that facilitate network growth and expansion. The FortiGate-111C ships with a built-in solid state disk drive, it can support the new WAN Optimization features of the FortiOS 4.0. This WAN Optimization functionality increases network performance by reducing the amount of communication and data transmitted between applications and servers across a WAN. In addition to the simplicity of uniting multiple ICSA-Labs certified security technologies on a single device, the FortiGate-111C leverage the power of FortiOS 4.0 to reduce resource and bandwidth requirements and save networking costs.

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-class UTM functionality in a single device	Lower cost of ownership and PCI compliance with a complete set of functions including firewall, intrusion prevention, IPSec VPN, SSL VPN, antivirus, antispam, antispyware, and URL filtering.
Eight configurable internal switch interfaces and dual Gigabit WAN interfaces	Facilitates flexible deployment of network segments, eliminates need for external switching products, and promotes network expansion and high availability configurations.
FortiOS 4.0 advanced UTM feature set	FortiOS 4.0 introduces over 40 new features, including data leakage prevention, WAN optimization, identity-based policies, and application control for robust security policies.

Industry Certification

ICSAlabs CERTIFIED NETWORK IPS

ICSAlabs CERTIFIED FIREWALL - CORPORATE

ICSAlabs CERTIFIED ANTI-VIRUS

ICSAlabs CERTIFIED SSL VPN

COMMON CRITERIA EAL 4+ CERTIFIED

FIPS VALIDATED 140-2

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.

Technical Specifications	FortiGate-110C	FortiGate-111C
Hardware Specifications		
10/100/1000 WAN Interfaces (Copper, RJ-45)	2	2
10/100 Configurable Interfaces (Copper, RJ-45)	8	8
Console (Copper, RJ-45)	1	1
USB Interface	2	2
Solid State Disk Storage	-	64 GB
System Performance		
Firewall Throughput (1518 byte UDP packets)	1 Gbps	1 Gbps
Firewall Throughput (512 byte UDP packets)	500 Mbps	500 Mbps
IPSec VPN Throughput	100 Mbps	100 Mbps
IPS Throughput	450 Mbps	450 Mbps
Antivirus (Proxy-based)	65 Mbps	65 Mbps
Antivirus (Flow-based)	160 Mbps	160 Mbps
Gateway-to-Gateway IPSec VPN Tunnels	1,500	1,500
Client-to-Gateway IPSec VPN Tunnels	1,500	1,500
Concurrent Sessions	400,000	400,000
New Sessions/Sec	10,000	10,000
Concurrent SSL-VPN Users (Recommended Max)	100	100
SSL-VPN Throughput	80 Mbps	80 Mbps
Firewall Policies (Max)	4,000	4,000
Virtual Domains (Max / Default)	10 / 10	10 / 10
Unlimited User Licenses	Yes	Yes
Mean Time Between Failures	More than 6 years	
Dimensions		
Height x Width x Length (in)	1.8 x 13 x 11 in	1.8 x 13 x 11 in
Height x Width x Length (cm)	4.6 x 33 x 28 cm	4.6 x 33 x 28 cm
Weight	6 lb (2.7 Kg)	6 lb (2.7 Kg)
Rack Mountable	Yes	Yes
Environment		
Power Required	100 -240 VAC 50-60 Hz, 2 Amp (Max)	100 -240 VAC 50-60 Hz, 2 Amp (Max)
Power Consumption (AVG)	32 W	55 W
Heat Dissipation	109 BTU	188 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, SSL VPN, IPS, Antivirus		

Antivirus performance is measured based on HTTP traffic with 32 Kbyte file attachments.
IPS performance is measured base on NSS like test methodology with 44K HTTP files.

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.

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