

FortiGate-80C FortiGate-80CM FortiWifi-80CM

Remote/Branch Office
Small-Medium Business
Customer Premise Equipment

Datasheet

Remote networks and retail outlets have specific challenges when it comes to the security of their networks. These ROBO (remote office / branch office) networks need the same enterprise-class protection as the centralized corporate networks that they are connecting to, but need that protection and connectivity in a device that is easy to deploy and maintain remotely. The protection of the retail network is further complicated the various types of wireless users and devices that require secure connectivity. Whether it be ROBO, retail, small and medium businesses, or service provider customer premise equipment; the device must be cost effective and easy to use. Ideally, these networks could avoid the installation and maintenance complexities of numerous point products by combining multiple security technologies into a single device.

The FortiGate-80C/CM is a multi-function security device that protects and connects remote and branch offices, retail networks, and telecommuters to centralized headquarter or regional offices. The FG-80C/CM combines firewall, IPSec and SSL VPN, antivirus, antispam, intrusion prevention and web filtering into a single device to reduce the management costs and complexities of deploying each of these technologies independently. Operating on the recently introduced FortiOS 4.0 operating system, the FG-80C/CM also boasts data leakage prevention, SSL inspection, and application control to offer protection against Web 2.0 threats and evasive applications and users. ICSA Labs-certified inspection engines ensure the industry's best protection and specifically address many of the requirements put forth by legislation and the PCI DSS version 1.2. Retail and other networks can benefit from the flexibility and mobility of both wireless LAN and 3G wireless WAN connectivity options. With wireless mobility, simple installation and maintenance, and a host of security features on a single device the FortiGate-80C/CM and FortiWifi-80CM are perfect solutions for ROBO, SMB, and customer premise equipment networks.



FortiGate-80C/CM



FortiWiFi-80CM

Feature	Benefit
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, antispysware, and URL filtering
WLAN connectivity option	Separate access, authentication, and policy with multiple WLAN zones for guest users, business users, and WiFi-enabled inventory or POS devices
ExpressCard 3G mobile WAN connectivity	Wireless WAN connectivity for primary, backup, or mobile WAN or Internet access
FortiOS 4.0 advanced UTM feature set	FortiOS 4.0 introduces SSL traffic inspection, data leakage prevention, and application control for robust security policy
Integrated multi-port switch	Eliminates the need for external switches, and provides enhanced connectivity options
Multiple WAN interfaces	Dual 10/100/1000 Ethernet, ExpressCard 3G, and dial modem offer redundant WAN connections to ensure availability
High-performance custom hardware	FortiASIC-CP6, the latest generation of FortiASIC, accelerates UTM functions to ensure security is never a bottleneck

	FG-80C	FG-80CM	FWF-80CM
Hardware Specifications			
10/100/1000 Ethernet WAN Ports	2	2	2
10/100 Ethernet Internal Switch or Security Zone Ports	6	6	6
10/100 DMZ Ports	1	1	1
USB ports	2	2	2
ExpressCard 3G Slots	1	1	1
RJ-11 Telco Ports	0	1	1
Analog Modem	No	Yes	Yes
WLAN Enabled (802.11 b/g/n)	No	No	Yes
System Specifications			
Firewall Throughput – Avg Size Packets (512 byte)	350 Mbps		
IPSec VPN Throughput	80 Mbps		
Antivirus Throughput*	50 Mbps		
IPS Throughput*	100 Mbps		
Dedicated IPSec VPN Tunnels	200		
Concurrent Sessions	100,000		
New Sessions/Sec	5,000		
Policies	2,000		
Unlimited User Licenses	Yes		
Dimensions			
Height, Width, Length	1.75 x 10.87 x 6.13 inches (4.45 x 27.61 x 15.57 cm)		
Weight	3.5 lbs (1.59 kg)		
Input Voltage	100-240 VAC, 50-60 Hz, 0.8 Amp max		
Power Consumption (AVG)	32W	32W	34W
Environment			
Operating temperature	32 to 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		
* Antivirus performance is measured based on HTTP traffic with 32Kbyte file attachments and IPS performance is measured based on UDP traffic with 512byte packet size. Actual performance may vary depending on network traffic and environments.			

The Fortinet Product Family

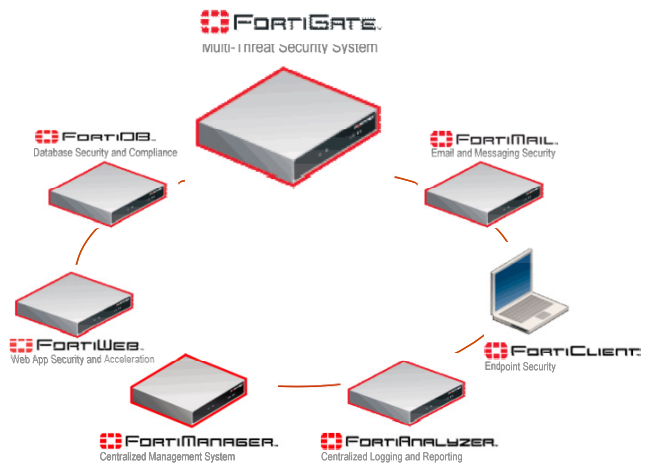
The FortiGate-80C/CM multi-function security appliance protects and connects ROBO, SMB and CPE networks, and is complemented by additional members of the FortiGate multi-threat security appliance family, the FortiDB database security family, the FortiWeb web security family, the FortiMail email security family, the FortiClient endpoint security family, and the FortiManager and FortiAnalyzer centralized management, reporting and logging solutions.

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.

FortiOS 4.0: Developed for 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 enables a comprehensive suite of security services – content inspection firewall, IPS, antivirus, web filtering, antispam, IM/P2P, virtual network security and bandwidth shaping. Recent improvements to FortiOS include SSL traffic inspection, application control, and data leakage prevention.



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