



DATASHEET

# FortiWiFi®-80CM/81CM

## Affordable, Enterprise-Class Wireless Protection



### Wireless Convenience with Proven Security

The FortiWiFi-80CM/81CM multi-threat security platforms deliver comprehensive enterprise-class protection and performance at a low price. The FortiWiFi platforms make it easy and affordable for you to protect all of your wireless-enabled remote locations, branch offices, and retail networks with Fortinet's market-leading security. With the FortiWiFi platforms' integrated set of essential security technologies, you can deploy a single device that protects your applications and data against today's sophisticated, multi-vector threats. The simple per-device pricing and integrated management console significantly reduce your costs associated with purchasing, deploying, and managing each of these technologies independently.

### Comprehensive Protection with Optional Internal Storage

FortiWiFi 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 FortiWiFi -80CM/81CM platforms specifically address many policy enforcement requirements included in government or industry regulations, such as PCI DSS. The internal storage in the FortiWiFi-81CM also enables local caching of data for policy compliance or WAN optimization. WAN optimization lowers your networking costs and improves your application and network performance by reducing the amount of data transmitted over your WAN. 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

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

### 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 small and medium businesses to deploy FortiGate's unmatched protection and performance at an affordable price

**Internal storage in FortiWiFi-81CM**

Provides local archiving of data for policy compliance or WAN optimization

**Redundant connectivity methods**

Dual 10/100/1000 Ethernet, dial modem, 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

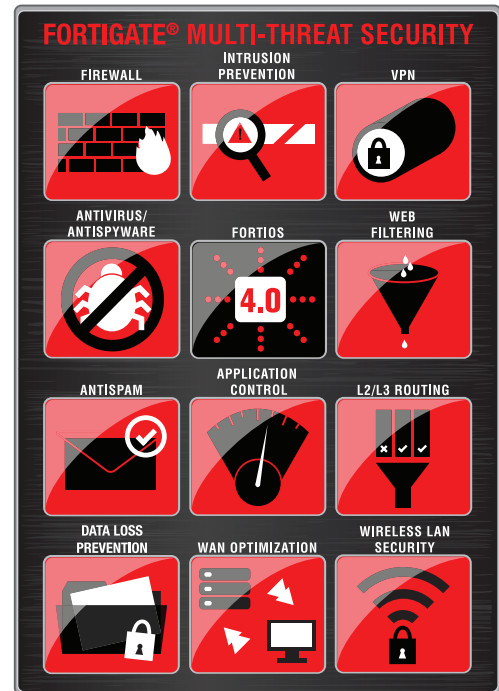
### Industry Certification



Technical Specifications	FortiWiFi-80CM	FortiWiFi-81CM
<b>Hardware Specifications</b>		
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
Express Card Slot		1
WLAN Support	802.11 a/n or b/g/n	
Analog Modem	Yes	
Internal Storage	N/A	32 GB
<b>System Performance</b>		
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	
<b>Dimensions</b>		
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	
<b>Environment</b>		
Power Required	100-240 VAC, 50-60 Hz, 0.8 Amp max	
Power Consumption (AVG)	34W	
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	
<b>Compliance</b>		
	FCC Class A Part 15, / CE Mark	
<b>Certifications</b>		
	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, 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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