

# FortiGate<sup>®</sup> Voice-80C

## Integrated Multi-Threat Security and PBX

### Integrated Business Gateway

The FortiGate Voice-80C is a multi-function, multi-threat security platform that connects and protects remote and branch offices. It combines the functionality of a multi-threat security gateway, VoIP gateway, IP PBX, router and switch into a single, integrated device.

The FortiGate Voice-80C meets the needs of small, medium, or branch offices to do more without spending more. It delivers integrated data security, VoIP support, and a full-featured PBX, all managed by a single console. By integrating all three technologies, the FortiGate Voice-80C lowers the cost and time required to configure and manage your network security, VoIP security, and PBX functionality.

### Comprehensive Threat Protection

The FortiGate Voice-80C provides comprehensive threat protection with Fortinet's unmatched range of enterprise-grade security technologies:

Antispam	Dynamic routing	IPSec VPN
Antivirus/antimalware	Endpoint NAC	SSL VPN
Application control	Firewall	SSL traffic inspection
Data loss prevention	Intrusion prevention	Web filtering

### Deployment Flexibility

The eight ports on the FortiGate Voice-80C platform give you the flexibility you need to create multiple security zones for various departments, users, access methods, and devices. The FortiASIC Content Processor provides acceleration for content-intensive security technologies, such as antivirus/antispymware, ensuring that your security technology does not affect your application and network performance.

### Industry Certification

The four ICSA Labs-certified inspection technologies ensure the industry's best protection and specifically address many of the requirements put forth by industry and government agencies, such as PCI DSS. ICSA Labs provides industry-recognized credible, independent, 3rd party product assurance for end- users and enterprises.



### 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<sup>™</sup> 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

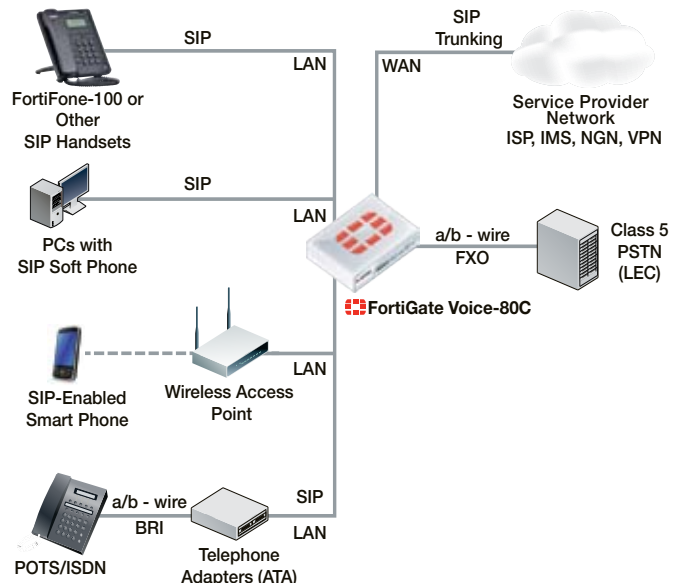
<b>Integrated data and VoIP security and IP-PBX</b>	Enables small and medium businesses, and ROBOs of larger organizations to deploy enterprise-grade voice and data security.
<b>High-performance custom hardware</b>	FortiASIC-CP6, the latest generation of FortiASIC, accelerates multi-threat functions to ensure security is never a bottleneck.
<b>Single device reduces costs</b>	Manages all security and PBX functionality from a single console, lowering costs and reducing deployment challenges.
<b>Integrated multi-port switch</b>	Eliminates the need for external switches, and provides enhanced connectivity options.

### Industry Certification



Technical Specifications		FortiGate Voice-80C	
Hardware Specifications			
10/100/1000 WAN Interfaces (Copper, RJ-45)	2		
10/100 Switch Interfaces (Copper, RJ-45)	8		
FXO Interfaces	4		
Console (Copper, RJ-45)	1		
USB Interfaces	2		
Operating System	Hardened FortiGate OS		
System Performance			
Firewall Throughput (1518 byte UDP packets)	1 Gbps		
Firewall Throughput (512 byte UDP packets)	500 Mbps		
IPSec VPN Throughput	100 Mbps		
IPS Throughput*	200 Mbps		
Antivirus Throughput*	65 Mbps		
Gateway-to-Gateway IPSec VPN Tunnels (System / VDOM)	500 / 50		
Client-to-Gateway IPSec VPN Tunnels	1,500		
Concurrent Sessions	400,000		
New Sessions/Sec	10,000		
Concurrent SSL-VPN Users (Recommended Max)	100		
SSL-VPN Throughput	70 Mbps		
Firewall Policies (Max)	4,000		
Virtual Domains (Max / Default)	10 / 10		
Maximum Number of Policies (System / VDOM)	5,000 / 500		
Unlimited User Licenses	Yes		
Dimensions			
Height	1.75 in (4.45 cm)		
Width	13.5 in (34.29 cm)		
Length	8.75 in (22.23 cm)		
Weight	4 lbs (1.81 kg)		
Rack Mountable	No		
Environment			
Power Required	100-240 VAC, 50-60 Hz, 2 Amp max		
Power Consumption (AVG)	36W		
Heat Dissipation	123 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 B, UL/CUL/ VCCI/C-tick, CE		
Certifications			
	ICSA Labs: Firewall, Antivirus, IPSec VPN, Intrusion Prevention		

PBX Features		FortiGate Voice-80C	
Maximum Number of Registered SIP User Agents	50		
Number of SIP Clients Registering per Second	50		
Maximum Number of Concurrent Calls	20		
Maximum Number of Call Attempts per Second	5		
Conference Lines	5		
Voice Mail Storage	Approximately 60 hours		
VoIP Protocol	SIP v2 (RFC3261), RTP/RTC		
Voice Codec	G.711.a/u		
IP Telephony Features	Echo cancellation G.168		
<b>FortiFone-100</b>			
Hardware Specifications			
10/100 LAN Interface (Copper, RJ-45)	1		
10/100 PC Interface (Copper, RJ-45)	1		
LCD Display	2 x 16 Characters		
Speaker	Full duplex hands-free		
Features	3-Way Conference Call, Call Detail Records, Call Transfer, Call Waiting, Caller ID, Dial Plan, DID, Do Not Disturb, Extensions, Group, IVR/ Auto-attendant, MeetMe Conference, Music-on-hold, Session Monitor, Voice Mail with Email Notification		



FortiGate Voice-80C Voice Network

\*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.

**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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