



DATASHEET

# FortiGate/FortiWiFi®-40C

## Secure Connectivity and Compliance for the Small Office

The FortiGate-40C and FortiWiFi-40C are ideal for small businesses, small branch offices and retail outlets requiring the consolidated security functions of larger FortiGate devices in a small form factor. The appliances deliver enterprise-grade network security and performance to smaller locations at an entry-level price.

### The Power of Unified Threat Management

The FortiGate-40C and FortiWiFi-40C appliances combine the purpose-built FortiOS™ operating system with the Fortinet System on a Chip (SoC) purpose-built processor to deliver unmatched security and performance advantages. These devices feature all of Fortinet's unified threat management (UTM) inspection capabilities; firewall, IPS, application control, VPN, and web filtering - all managed from a 'single pane of glass' console. They also include other security technologies such as data leakage prevention and vulnerability management. You can deploy security technologies as needed for your unique requirements.

The FortiGate-40C and FortiWiFi-40C provide you with a strategic and cost-effective solution that you can provision and manage from anywhere in the world. The appliances capitalize on multiple security enforcement technologies to protect your remote networks in today's sophisticated threat landscape, helping you maintain compliance with PCI, HIPAA, and GLBA regulations for data protection.

By consolidating multiple security technologies into a single appliance, the FortiGate-40C and FortiWiFi-40C eliminate multiple hardware devices and software solutions, greatly simplifying security at small offices, branch offices and retail locations while substantially reducing total cost of ownership. Installation and configuration is made easy with FortiExplorer setup wizard. The wizard provides an easy, inexpensive way to configure the initial settings for the FortiGate unit, enabling non-IT staff to set up the device for remote management in a few minutes.

### The Fortinet System-on-a-Chip

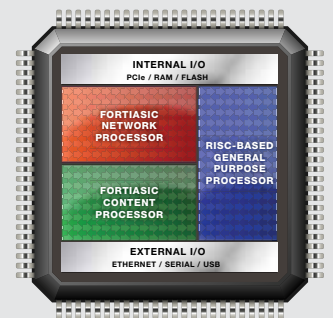
The FortiGate-40C and FortiWiFi-40C devices include the Fortinet System-on-a-chip (SoC). Designed by Fortinet to provide real-time network protection, the SoC integrates FortiASIC security acceleration logic with a RISC-based main processor and other system components. This simplifies appliance design and delivers breakthrough performance for smaller networks. The FortiGate/FortiWiFi-40C series appliances enable large distributed enterprises to provide integrated, multi-threat protection across all points on their network without sacrificing performance.

### FortiOS The World's Most Advanced Security Operating System

FortiOS provides high performance, ultra low latency multi-threat security by leveraging the hardware acceleration provided by purpose-built FortiASIC processors. This combination of custom hardware and software gives you the best security and performance possible from a single device. FortiOS allows greater traffic visibility and more consistent, granular control over users, applications and sensitive data.

### The FortiASIC Advantage

FortiASIC processors power FortiGate platforms. With exclusive hardware, the purpose-built, high performance Network, Security, and Content processors use intelligent and proprietary digital engines to accelerate security services.



Feature	Benefit
Unified Security Architecture	Multi-threat protection from a single device increases security and lowers costs.
Simple Licensing	Hassle-free unlimited user licensing increases ease of deployment and maintenance.
Multi-Port Wired / Wireless Interfaces	Multiple physical network interfaces and optional wireless connectivity allow flexible deployment and better security through multiple security zones.
Small Form-Factor	Compact, lightweight and designed for small offices.

## FortiGate Consolidated Security Solutions

Fortinet's consolidated security solutions provide an integrated set of core security and networking services in a single, easy-to-manage, high-performance appliance that is capable of supporting a wide range of deployment scenarios. Consolidating stand-alone security products into a single device allows you to improve your network visibility and increase control over users, applications, and data.

Technical Specifications	FortiGate-40C	FortiWiFi-40C
<b>HARDWARE SPECIFICATIONS</b>		
LAN Ports 10/100/1000 Interfaces (Switched)	5	
WAN Ports 10/100/1000 Interfaces	2	
Wireless Interface	N/A	802.11 a/b/g/n
USB (Client/Server)	1 / 1	
RJ-45 Serial Console	1	
<b>SYSTEM PERFORMANCE</b>		
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	200 / 200 / 200 Mbps	
Firewall Latency (64 byte UDP packets)	3 µs	
Firewall Throughput (Packets Per Second)	300 Kpps	
Concurrent Sessions (TCP)	40,000	
New Sessions/Sec (TCP)	2,000	
Firewall Policies	5,000	
IPSec VPN Throughput (512 byte packet)	60 Mbps	
Gateway-to-Gateway IPSec VPN Tunnels	20	
Client-to-Gateway IPSec VPN Tunnels	250	
SSL-VPN Throughput	17 Mbps	
Concurrent SSL-VPN Users (Recommended Max)	80	
IPS Throughput	135 Mbps	
Antivirus Throughput (Proxy Based / Flow Based)	20 / 40 Mbps	
Max Number of FortiAPs	5	
Max Number of FortiTokens	100	
Max Number of Registered FortiClients	10	
High Availability Configurations	Active/Active, Active/Passive, Clustering	
Unlimited User Licenses	Yes	

Technical Specifications	FortiGate-40C	FortiWiFi-40C
<b>DIMENSIONS &amp; POWER</b>		
Height	1.3 in (3.3 cm)	1.3 in (3.3 cm)
Width	8.5 in (21.6 cm)	8.5 in (21.6 cm)
Length	5.3 in (13.4 cm)	5.6 in (14.3 cm)
Weight	1.7 lb (0.8 kg)	
Wall Mountable	Yes	
AC Power	100-240 VAC, 60-50 Hz	
Current (Max)	110V / 0.38A, 220V / 0.19A	
Power Consumption (Avg / Max)	12.3 / 14.8 W	13.8 / 16.6 W
Heat Dissipation	50.5 BTU/h	56.6 BTU/h
Redundant Power Supply	No	
<b>ENVIRONMENT</b>		
Operating temperature	32 - 104 °F (0 - 40 °C)	
Storage temperature	-13 - 158 °F (-25 - 70 °C)	
Humidity	20 to 90% non-condensing	
Compliance	FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB	
Certifications	ICSA Labs: Firewall, IPSec, IPS, Antivirus, SSL VPN	

All performance values are "up to" and vary depending on system configuration. Antivirus performance is measured using 44 Kbyte HTTP files. IPS performance is measured using 1 Mbyte HTTP files.

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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