FortiGate/FortiWiFi®-60C Series

Integrated Threat Management for Small Networks

The FortiGate/FortiWiFi-60C Series are compact, all-in-one security appliances that deliver Fortinet's Connected UTM. Ideal for small business, remote, customer premise equipment (CPE) and retail networks, these appliances offer the network security, connectivity and performance you need at a single low per-device price..

Advanced Protection and Wireless Connectivity

You get advanced threat protection, including firewall, application control, advanced threat protection, IPS, VPN, and web filtering, all from one device that's easy to deploy and manage. With our FortiGuard® security subscription services you'll have automated protection against today's sophisticated threats.

Reduce the need for additional wireless access points by integrating a high-bandwidth "fat-client" into your FortiGate with the FortiWiFi-60C. It's also a great option to secure mobile devices in BYOD environments with automatic device identification and customizable access and security policies.

VDOMs on the FortiGate/FortiWiFi-60C, let you segment networks to enable guest and employee access, or protect things like cardholder data. You get the flexibility to match your business needs and meet compliance standards like PCI and HIPAA.

All-in-one High Performance Network Security

Built on the foundation of the FortiASIC System on a Chip (SoC) and FortiOS 5, the 60C series provides an integrated set of essential security technologies to protect all of your applications and data. You get the industry's best firewall plus the latest in Advanced Threat Protection, Intrusion Protection, Web-filtering and many new features like Sandboxing, Feature Select Options for simplifying configurations and deployments, and Contextual Visibility for enhanced reporting and management.

Enterprise-Class Protection that's Easy to Deploy and Manage

- 1 Gbps throughput performance ensures your network security won't be a bottleneck

- Integrated switch and options for PoE simplify your network infrastructure

- Up to 2x WAN, 5x LAN and 1x DMZ interface ports (24x Power Over Ethernet ports on POE model)

- Runs on FortiOS 5 - the most powerful security operating system in the world delivers more protection for fighting advanced threats, more control to simplify configurations and deployments, and more contextual visibility for enhanced reporting and management

Key Features & Benefits

Unified Security	Multi-threat protection from a single device increases security and lowers costs
Simplified Licensing	Unlimited user licensing and comprehensive features
Multi-Port Interfaces	Multiple network interfaces and optional wireless connectivity enable data segmentation for compliance and flexible deployment

ICSAlabs CERTIFIED FIREWALL-CORPORATE

ICSAlabs CERTIFIED SSL VPN

ICSAlabs CERTIFIED IPSEC-BASIC

ICSAlabs CERTIFIED ANTI-VIRUS

ICSAlabs CERTIFIED NETWORK IPS

FortiCare
Worldwide 24x7 Support
support.fortinet.com

FortiGuard
Threat Research & Response
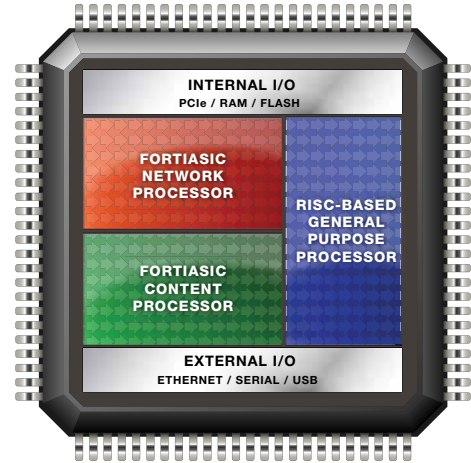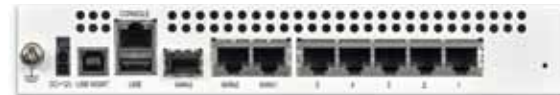www.fortiguard.com

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The Fortinet FS1 System-on-a-Chip

The FortiGate/FortiWiFi-60C series represent a new generation of desktop network security appliances from Fortinet, and include the first Fortinet System-on-a-chip (SoC), the FS1. Integrating FortiASIC acceleration logic together with a RISC-based main processor and other system components, the FS1 SoC simplifies appliance design and enables breakthrough performance for smaller networks.

The FS1 and resulting FortiGate/FortiWiFi-60C series appliances allow large distributed enterprises to provide integrated, multi-threat protection across all points on their network without sacrificing performance.

INTERNAL I/O
PCIe / RAM / FLASH

FORTIASIC NETWORK PROCESSOR

RISC-BASED GENERAL PURPOSE PROCESSOR

FORTIASIC CONTENT PROCESSOR

EXTERNAL I/O
ETHERNET / SERIAL / USB

FortiGate-60C

FortiGate-60C-SFP

FortiWiFi-60C
(Wireless antennas not shown)

FortiWiFi-60CM
(Wireless antennas not shown)

FortiWiFi-60CX-ADSL-A
(Wireless antennas not shown)

FortiGate-60C-POE

Complete and Real-time Security

Fortinet designed FortiOS to deliver the advanced protection and performance that standalone products simply cannot match. The integrated technologies work together as a system to provide better visibility and mitigation of the latest network and application threats, stopping attacks before damage can occur. FortiGuard Subscription Services provide automated, real-time, up-to-date protection against security threats.

Industry Validation

The FortiGate family of physical and virtual appliances has earned more certifications than any other vendor by consistently meeting rigorous third-party standards. Our industry-leading technology provides you with air-tight security.

Unique Visibility and Control

FortiOS gives you greater visibility and more consistent, granular control over users, devices, applications and data. Dashboard widgets allow administrators to quickly view and understand real-time network activities and threat situations while reputation-based analysis quickly identifies potentially compromised systems.

Ease of Use

FortiOS lowers costs and reduces IT staff workloads. Physical or virtual FortiGate appliances give you the flexibility to match your security to your environment while enforcing a uniform security policy. Single pane of glass management and centralized analysis ensure consistent policy creation and enforcement while minimizing deployment and configuration challenges.

PCI Compliance Out-of-the-Box

Fortinet simplifies your network security assessment-ready PCI compliance without sacrificing performance. Retail, health care, and other affected industries can ease the process of PCI DSS assessment-readiness with an ISO security framework and unified threat management approach.

World-Class Technical Support and Documentation

Fortinet FortiCare support offerings provide comprehensive global support for all Fortinet products and services. You can rest assured your Fortinet security products are performing optimally and protecting your users, applications, and data around the clock.

FortiOS Dashboard - Single Pane of Glass Management

FortiOS - The World's Most Advanced Security Operating System

- Client reputation measurements to identify compromised systems in real time

- On-device behavior-based heuristic engine for protection against advanced threats

- Cloud-based threat protection with operating system sandbox

- Mobile device identification that lets you apply specific access policies to smartphones and tablets

- Next Generation Firewall functions, including Application Control and IPS

- Data Loss Prevention to protect critical information

- Web filtering to prevent access to malicious or inappropriate web sites

- Web-based GUI, 'single pane of glass' management console and on-board reporting for unmatched visibility and control

For complete,up-to-date and detailed feature set, please refer to the Administration Handbook and FortiOS Datasheet

SPECIFICATIONS

	FORTIGATE-60C	FORTIGATE-60C-SFP	FORTIGATE-60C-POE	FORTIWIFI-60C	FORTIWIFI-60CM	FORTIWIFI-60CX-ADSL-A
Hardware Specifications						
10/100/1000 WAN Interfaces (RJ45)	2	2	1	2	2	2
10/100/1000 Switch Interfaces (RJ45)	5	5	-	5	5	4
GbE SFP WAN Interfaces	-	1	-	-	-	-
10/100/1000 POE+ / POE Switch Interfaces (RJ45)	-	-	4 / 20	-	-	-
10/100 Switch Interfaces (RJ45)	-	-	-	-	-	4
10/100/1000 DMZ Interfaces (RJ45)	1	-	-	1	1	-
ADSL2+ Annex A and M Interface	-	-	-	-	-	1
Wireless Interface	-	-	-	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n
Modem Port	-	-	-	-	1	-
Management Console Interface (RJ45)			1			
USB Interfaces (Client / Server)	1 / 1	1 / 1	1 / 0	1 / 1	1 / 1	1 / 1
ExpressCard Slot	1	-	-	1	1	1
System Performance						
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	1 / 1 / 1 Gbps					
Firewall Latency (64 byte UDP packets)	4 μs					
Firewall Throughput (Packets Per Second)	1.5 Mpps					
Concurrent Sessions (TCP)	400,000					
New Sessions/Sec (TCP)	3,000					
Firewall Policies	5,000					
IPSec VPN Throughput (512 byte packets)	70 Mbps					
Gateway-to-Gateway IPSec VPN Tunnels	50					
Client-to-Gateway IPSec VPN Tunnels	500					
SSL-VPN Throughput	19 Mbps					
Concurrent SSL-VPN Users (Recommended Max)	100					
IPS Throughput	135 Mbps					
Antivirus Throughput (Proxy Based / Flow Based)	20 / 40 Mbps					
Virtual Domains (Default / Max)	10 / 10					
Max Number of FortiAPs (Total / Tunnel Mode)	10 / 5					
Max Number of FortiTokens	100					
Max Number of Registered FortiClients	200					
High Availability Configurations	Active / Active, Active / Passive, Clustering					
Unlimited User Licenses	Yes					
Dimensions						
Height x Width x Length (in)	1.50 x 8.50 x 5.83 in (38 x 216 x 148 mm)	1.50 x 8.50 x 5.91 in (38 x 216 x 15 mm)	1.75 x 17.32 x 12.28 in (44 x 440 x 312 mm)	1.50 x 8.50 x 6.18 in (38 x 216 x 15 mm)	1.50 x 8.50 x 6.18 in (38 x 216 x 15 mm)	1.75 x 13.56 x 8.27 in (44 x 344 x 210 mm)
Weight	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)	10.2 lbs (4.7 kg)	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)	1.9 lbs (0.9 kg)
Environment						
Power Required	100-240 VAC, 50-60 Hz					
Power Consumption (Avg / Max)	11 / 13 W	11 / 13 W	263 / 310 W	11 / 13 W	11 / 13 W	11 / 13 W
PoE Power Budget	-	-	185 W	-	-	-
Heat Dissipation	49 BTU/h	49 BTU/h	1058 BTU/h	49 BTU/h	49 BTU/h	49 BTU/h
Operating Temperature	32 - 104 °F (0 - 40 °C)					
Storage Temperature	-31 - 158 °F (-35 - 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; FIPS 140-2 Level 2 (hardware); CC EAL4+					

Note: 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.

ORDER INFORMATION

SKU	Description
FG-60C	8 x GE RJ45 ports (Including 2 x WAN ports,1 x DMZ port, 5 x switch ports), ExpressCard slot
FG-60C-SFP	7 x GE RJ45 ports (Including 1 x WAN ports,1 x DMZ port, 5 x switch ports), 1 x GE SFP Slot
FG-60C-POE	25 x GE RJ45 Ports (including 1 x Management port, 20 x PoE ports, 4 x PoE+ ports)
FWF-60C	8 x GE RJ45 ports (Including 2 x WAN ports,1 x DMZ port, 5 x switch ports), Wireless (802.11a/b/g/n), ExpressCard slot
FWF-60CM	8 x GE RJ45 ports (Including 2 x WAN ports,1 x DMZ port, 5 x switch ports), Wireless (802.11a/b/g/n), ExpressCard slot, analog V.90 modem
FWF-60CX-ADSL-A	6 x GE RJ45 ports (including 2 x WAN ports, 4 x switch ports), 4 x FE switch ports, Wireless (802.11a/b/g/n), ADSL2+ Annex A interface, ExpressCard slot

FORTIWIFI-60C SERIES SKU SUFFIX

Region/Country	International	Korea	Japan	Configurable
SKU Suffix	-I	-K	-J	No Suffix
Frequency Range (GHz)	2.400 - 2.483 5.100 - 5.250	2.400 - 2.483 5.150 - 5.250 5.725 - 5.825	2.400 - 2.483 5.150 - 5.250 5.250 - 5.350* 5.470 - 5.725*	2.400 - 2.483 5.150 - 5.250 5.725 - 5.850

*Requires FortiOS 4.3.10 or later with DFS feature enabled

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