FORTINET®

FortiGate/FortiWiFi®-20C Series

Integrated Security for Small and Home Offices

The FortiGate/FortiWiFi-20C Series are compact, all-in-one security appliances that deliver Fortinet's Connected UTM. Ideal for home offices, small businesses, small branch offices and retail outlets, these appliances offer the network security, connectivity and performance you need at an attractive, entry-level price.

Consolidated Security Solutions

FortiGate/FortiWiFi-20C Series appliances include all of Fortinet's unified threat management (UTM) capabilities including firewall, IPS, application control, VPN, and web filtering–all managed from a "single pane of glass" console. They also include the latest technology in advanced threat protection, designed to defend against Advanced Persistent Threats (APT). The optional FortiGuard® security subscription services deliver dynamic, automated updates and ensure up-to-date protection against sophisticated threats.

Uses FortiOS Lite, a streamlined, easy-to-use version of the world's only purpose-built network security operating system, and the FortiASIC "System on a Chip" (SoC), Fortinet's custom ASIC technology, to ensure the most comprehensive and highest performing security platforms

By consolidating multiple security technologies into a single appliance, the FortiGate/FortiWiFi-20C Series eliminates multiple hardware devices and software solutions to simplify security and reduce the total cost of ownership. With customization options, you can configure the device to implement all or only the security technologies you need.

With the widest range of security enforcement technologies in its class, the FortiGate/FortiWiFi-20C Series helps you maintain data protection compliance with PCI, HIPAA, and GLBA regulations.

Secure Connectivity and Compliance that's Easy to Deploy and Manage

- 20 Mbps throughput performance delivers fast network response

- Integrated switch simplifies your network infrastructure

- Up to 1x WAN GE interfaces and 4x GE LAN switch ports

- 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

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Integrated Architecture	Single device, multi-threat protection increases security and lowers costs
Simple Licensing	Unlimited user licensing and comprehensive feature set increases ease of deployment and maintenance
Compact and Lightweight	Fits into the smallest office environment

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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HARDWARE

FortiWiFi-20C

FortiGate-20C-ADSL-A

FortiWiFi-20C-ADSL-A
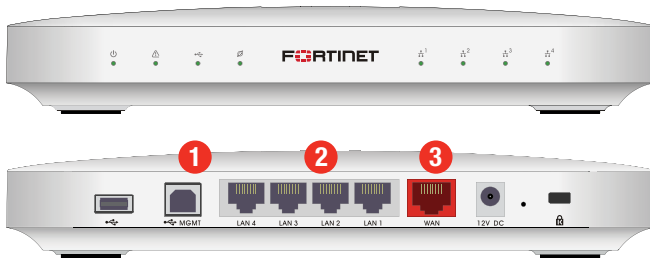
FortiGate-20C

1 USB Management Port for FortiExplorer
2 4x GbE Copper LAN Ports
3 1x GbE Copper WAN Port

Powered by FortiASIC SOC

- Combines a RISC-based CPU with Fortinet's proprietary FortiASIC™ content and network processors for unmatched performance

- Simplifies appliance design and enables breakthrough performance for smaller networks

- Supports firewall acceleration across all packet sizes for maximum throughput

- Delivers accelerated UTM content processing for superior performance and protection

- Accelerates VPN performance for high speed, secure remote access

Install in Minutes with FortiExplorer

The FortiExplorer™ wizard enables you to easily and quickly set up and configure FortiGate and FortiWiFi platforms with easy-to-follow instructions. The application runs on Windows, Mac OS X desktops and laptops as well as popular mobile devices. Simply connect to the appropriate USB port on the appliance, and be fully protected in minutes.

3G/4G WAN Connectivity

The FortiGate/FortiWiFi-20C series includes a USB port that allows you to plug in a compatible 3rd party 3G/4G USB modem, providing additional WAN connectivity or a redundant link for maximum reliability.

Compact and Reliable Form Factor

Designed for small environments, you can place it on a desktop or wall-mount it. It is small, lightweight yet highly reliable with superior MTBF (Mean Time Between Failure), minimizing the chance of a network disruption.

Superior Wireless Coverage

A built-in dual-band, dual-stream access point with internal antennas is integrated on the FortiWiFi-20C and FortiWiFi-20C-ADSL-A and provides speedy 802.11n coverage on both 2.4 GHz and 5GHz bands. The dual-band chipset addresses the PCI-DSS compliance requirement for rogue AP wireless scanning, providing maximum protection for regulated environments.

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-20C	FORTIGATE-20C-ADSL-A	FORTIWIFI-20C	FORTIWIFI-20C-ADSL-A
Hardware Specifications				
10/100/1000 Interfaces (Switched)	4	4	4	4
10/100/1000 Interface	1	-	1	-
ADSL2+ Annex A Interface[1]	-	1	-	1
Wireless Interface	-	-	802.11 a/b/g/n	802.11 a/b/g/n
USB (Client / Server)		1 / 1		
System Performance				
Firewall Throughput (1518 / 512 / 64 byte UDP packets)		20 / 20 / 20 Mbps		
Firewall Latency (64 byte UDP packets)		6 μs		
Firewall Throughput (Packets Per Second)		30 Kpps		
Concurrent Sessions (TCP)		10,000		
New Sessions/Sec (TCP)		1,000		
Firewall Policies		5,000		
IPSec VPN Throughput (512 byte packets)		20 Mbps		
Gateway-to-Gateway IPSec VPN Tunnels		5		
Client-to-Gateway IPSec VPN Tunnels		5		
SSL-VPN Throughput		15 Mbps		
Concurrent SSL-VPN Users (Recommended Max)		50		
IPS Throughput		20 Mbps		
Antivirus Throughput (Proxy Based / Flow Based)		12 / 20 Mbps		
Max Number of FortiTokens		20		
Unlimited User Licenses		Yes		
Dimensions				
Height x Width x Length		1.38 x 8.46 x 7.09 in (35 x 215 x 180 mm)		
Form Factor		Desktop		
Weight		1 lbs (0.5 kg)		
Environment				
Power Required		100-240 VAC, 50-60 Hz		
Power Consumption (Avg / Max)		11 / 13 W		
Heat Dissipation		49 BTU/h		
Operating Temperature		32 - 104 °F (0 - 40 °C)		
Storage Temperature		-13 - 158 °F (-25 - 70 °C)		
Humidity		20 to 90% non-condensing		
Operating Altitude		Up to 7,400 ft (2,250 m)		
Compliance				
		FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB		
Certifications				
		ICSA Labs: Firewall, IPSec, IPS, Antivirus, SSL VPN		

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.

[1] Complies with ANSI T1.413 issue 2; Supports ITU G.992.1 (ADSL/G.DMT), G.992.3 (ADSL2/G.DMT.bis), and G.992.5 (ADSL2+/G.DMT.bis+)

ORDER INFORMATION

SKU	Description
FG-20C	5 x GE RJ45 ports (Including 1 x WAN ports, 4 x Switch ports)
FG-20C-ADSL-A	4 x GE RJ45 ports, 1 x ADSL2/2+ (Annex A) Port
FWF-20C	5 x GE RJ45 ports (Including 1 x WAN ports, 4 x Switch ports), Wireless (802.11a/b/g/n, dual-band, dual stream, 2x2 MIMO)
FWF-20C-ADSL-A	4 x GE RJ45 ports, 1 x ADSL2/2+ (Annex A) Port, Wireless (802.11a/b/g/n, dual-band, dual stream, 2x2 MIMO)

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