



FortiGate/FortiWiFi® 30D Series

Integrated Security for Small and Home Offices



FortiGate/FortiWiFi 30D Series

FortiGate 30D, 30D-POE, FortiWiFi 30D, 30D-POE

The FortiGate/FortiWiFi 30D 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 30D 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 30D 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.

Highlights

	Firewall Performance	IPS Performance	Interfaces
30D	800 Mbps	150 Mbps	Multiple GE RJ45
30D-POE	800 Mbps	150 Mbps	Multiple GE RJ45 and GE RJ45 PoE

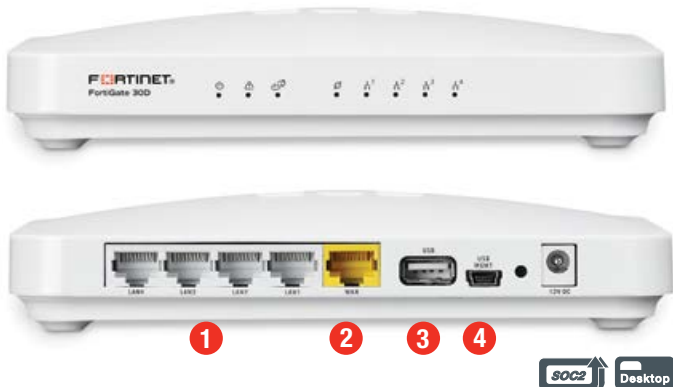
Features & Benefits

- 800 Mbps throughput performance delivers fast network response
- Integrated switch and options for PoE simplify your network infrastructure
- Up to 1x WAN GE interfaces, 4x GE LAN switch ports with 1x PoE port on PoE models
- Runs on FortiOS 5 — the most powerful security operating system in the world delivers more security to fight advanced threats, more control to secure mobile devices, and more intelligence to build secure policies



HARDWARE

FortiGate 30D



Interfaces

1. 4x GE RJ45 Switch Ports /
3 x GE RJ45 Switch and 1 x GE RJ45 PoE Ports on POE models

2. 1x GE RJ45 WAN Port

3. USB Port

4. USB Management Port

FortiWiFi 30D



FortiGate 30D-POE



FortiWiFi 30D-POE



Powered by FortiASIC SoC2

- 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 30D Series includes a USB port that allows you to plug in a compatible third-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 30D and provides speedy 802.11n coverage on both 2.4 GHz and 5 GHz bands. The dual-band chipset addresses the PCI-DSS compliance requirement for rogue AP wireless scanning, providing maximum protection for regulated environments.

SOFTWARE



FortiOS Management UI — FortiView and Application Control Panel

FortiOS

FortiOS helps you protect your organization against advanced threats, configure and deploy your network security faster and see deep into what's happening inside your network. It enables organization to set up policies specific to types of devices, users and applications with industry-leading security capabilities. FortiOS leverages custom FortiASICs and the Optimum Path Processing architecture of FortiGate to deliver 5 times faster throughput performance. In essence, FortiOS delivers:

- **Comprehensive Security** — Control thousands of applications and stop more threats with NSS Labs Recommended IPS, sandboxing, VB100 certified antimalware and more.
- **Superior Control and Visibility** — Stay in control with rich visibility over network traffic, granular policy control, and intuitive, scalable security and network management.
- **Robust Networking Capabilities** — Optimize your network with extensive switching and routing, high availability, WAN optimization, embedded WiFi controller, and a range of virtual options.



For more information, please refer to the FortiOS data sheet available at www.fortinet.com

SERVICES

FortiGuard™ Security Services

FortiGuard Labs offers real-time intelligence on the threat landscape, delivering comprehensive security updates across the full range of Fortinet's solutions. Comprised of security threat researchers, engineers, and forensic specialists, the team collaborates with the world's leading threat monitoring organizations, other network and security vendors, as well as law enforcement agencies:

- **Real-time Updates** — 24x7x365 Global Operations research security intelligence, distributed via Fortinet Distributed Network to all Fortinet platforms.
- **Security Research** — FortiGuard Labs have discovered over 170 unique zero-day vulnerabilities to date, totaling millions of automated signature updates monthly.
- **Validated Security Intelligence** — Based on FortiGuard intelligence, Fortinet's network security platform is tested and validated by the world's leading third-party testing labs and customers globally.



For more information, please refer to <http://forti.net/guard>

FortiCare™ Support Services

Our FortiCare customer support team provides global technical support for all Fortinet products. With support staff in the Americas, Europe, Middle East and Asia, FortiCare offers services to meet the needs of enterprises of all sizes:

- **Enhanced Support** — For customers who need support during local business hours only.
- **Comprehensive Support** — For customers who need around-the-clock mission critical support, including advanced exchange hardware replacement.
- **Premium Services** — For global or regional customers who need an assigned Technical Account Manager, enhanced service level agreements, extended software support, priority escalation, on-site visits and more.
- **Professional Services** — For customers with more complex security implementations that require architecture and design services, implementation and deployment services, operational services and more.



For more information, please refer to <http://forti.net/care>

SPECIFICATIONS

	FORTIGATE 30D	FORTIWIFI 30D	FORTIGATE 30D-POE	FORTIWIFI 30D-POE
Hardware Specifications				
GE RJ45 WAN Ports	1	1	1	1
GE RJ45 Switch Ports	4	4	3	3
GE RJ45 PoE Ports	–	–	1	1
Wireless Interface	–	802.11 a/b/g/n	–	802.11 a/b/g/n
USB Ports (Client / Server)			1 / 1	
System Performance				
Firewall Throughput (1518 / 512 / 64 byte UDP packets)			800 / 800 / 800 Mbps	
Firewall Latency (64 byte UDP packets)			8 µs	
Firewall Throughput (Packets Per Second)			1.2 Mpps	
Concurrent Sessions (TCP)			200,000	
New Sessions/Second (TCP)			3,500	
Firewall Policies			5,000	
IPsec VPN Throughput (512 byte packets)			350 Mbps	
Gateway-to-Gateway IPsec VPN Tunnels			20	
Client-to-Gateway IPsec VPN Tunnels			250	
SSL-VPN Throughput			25 Mbps	
Concurrent SSL-VPN Users (Recommended Maximum)			80	
IPS Throughput			150 Mbps	
Antivirus Throughput			30 Mbps	
Maximum Number of FortiAPs (Total / Tunnel Mode)			2 / 2	
Maximum Number of FortiTokens			100	
Maximum Number of Registered FortiClients			10	
Dimensions				
Height x Width x Length (inches / mm)		1.38 x 7.17 x 5.24 inches 35 x 182 x 133 mm		
Weight		0.7 lbs (0.3 kg)		
Form Factor		Desktop		
Environment				
Power Required		100–240V AC, 50–60 Hz		
Maximum Current	110 V / 0.6 A, 220 V / 0.3 A	110 V / 0.6 A, 220 V / 0.3 A	110 V / 1.0 A, 220 V / 0.5 A	110 V / 1.0 A, 220 V / 0.5 A
Total Available PoE Power Budget*	–	–	15.4 W	15.4 W
Power Consumption (Average / Maximum)	10 / 12 W	11.6 / 14 W	16.2 / 25.6 W	18.7 / 28.6 W
Heat Dissipation	41 BTU/h	48 BTU/h	87 BTU/h	98 BTU/h
Operating / Storage Temperature		32–104°F (0–40°C) / -31–158°F (-35–70°C)		
Humidity		10–90% non-condensing		
Operating Altitude		Up to 7,400 ft (2,250 m)		
Compliance				
Safety		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. Antivirus Throughput is measured in proxy mode.
 * Maximum loading on each PoE port is 15.4 W (802.3af).

ORDER INFORMATION

Product	SKU	Description
FortiGate 30D	FG-30D	5x GE RJ45 ports (Including 1x WAN port, 4x switch ports)
FortiWiFi 30D	FWF-30D	5x GE RJ45 ports (Including 1x WAN port, 4x switch ports), Wireless (802.11a/b/g/n)
FortiGate 30D-POE	FG-30D-POE	5x GE RJ45 ports (including 1x WAN port, 3x switch ports, 1x PoE port)
FortiWiFi 30D-POE	FWF-30D-POE	5x GE RJ45 ports (including 1x WAN port, 3x switch ports, 1x PoE port), Wireless (802.11a/b/g/n)



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