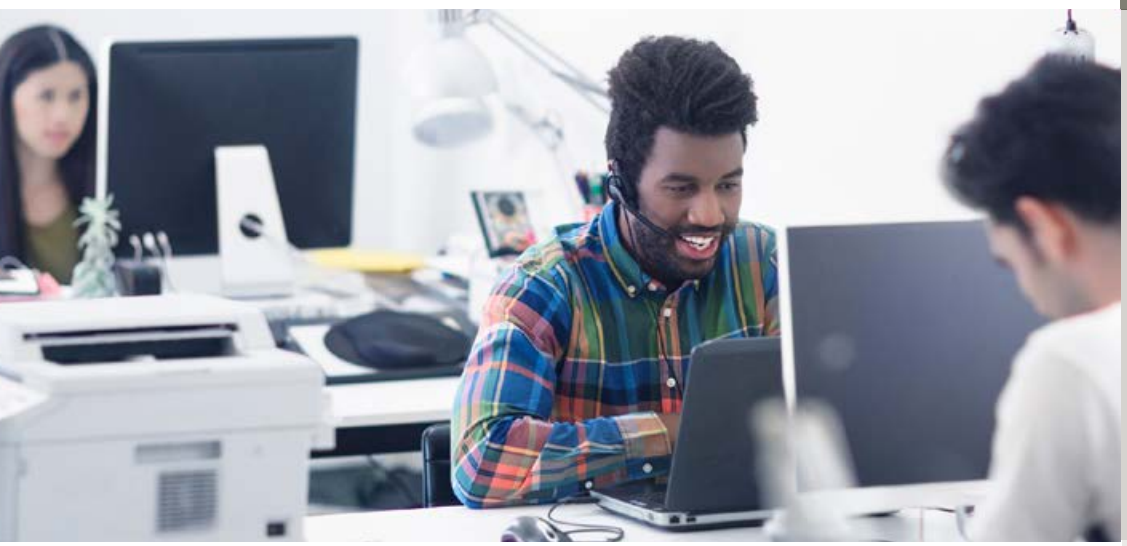
DATA SHEET



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.

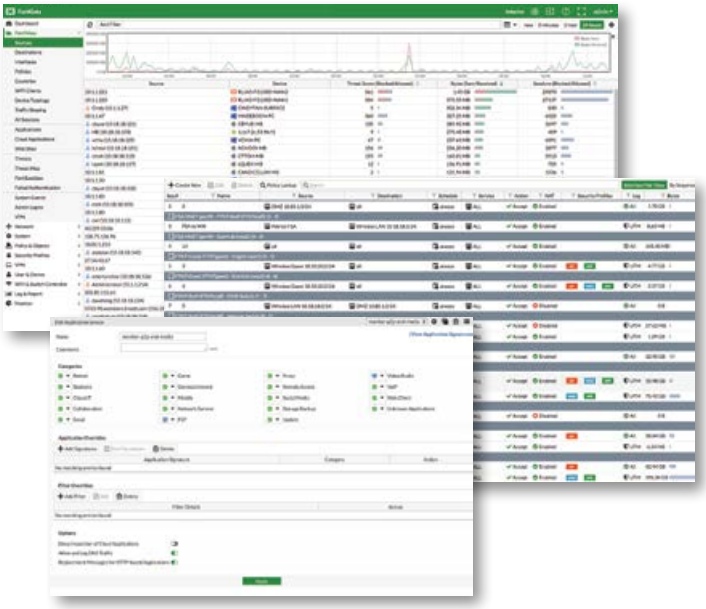
Compact and Reliable Form Factor

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 Managment UI —
FortiView, Policy Table and Application Control Panel

FortiOS

Control all the security and networking capabilities across the entire FortiGate platform with one intuitive operating system. Reduce operating expenses and save time with a truly consolidated next generation security platform.

- A truly consolidated platform with one OS for all security and networking services for all FortiGate platforms.
- Industry-leading protection: NSS Labs Recommended, VB100, AV Comparatives and ICSA validated security and performance.
- Control thousands of applications, block the latest exploits, and filter web traffic based on millions of real-time URL ratings.
- Detect, contain and block advanced attacks automatically in minutes with integrated advanced threat protection framework.
- Solve your networking needs with extensive routing, switching, WiFi, LAN and WAN capabilities.
- Activate all the ASIC-boosted capabilities you need on the fastest firewall platform available.

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 (HTTP / Enterprise Mix)	150 / 35 Mbps			
SSL Inspection Throughput	30 Mbps			
NGFW Throughput	18 Mbps			
Maximum Number of FortiAPs (Total / Tunnel Mode)	2 / 2			
Maximum Number of FortiTokens	20			
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. IPsec VPN performance is based on 512 byte UDP packets using AES-256+SHA1. NGFW performance is measured with Flow AV (Quick Mode), IPS and Application Control enabled, based on Enterprise Traffic Mix. SSL Inspection is measured with IPS enabled and HTTP traffic, using TLS v1.2 with AES256-SHA. CAPWAP performance is based on 1444 byte UDP packets.
* 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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