



**FortiGate/FortiWiFi® 30D Series**

Integrated Security for Small and Home Offices



## FortiGate/FortiWiFi 30D Series

### Integrated Security for Small and Home Offices

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.

#### Key Features & Benefits

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

*With the widest range of security enforcement technologies in its class, the FortiGate/FortiWiFi 30D Series helps you maintain data protection compliance with PCI, HIPAA, and GLBA regulations.*

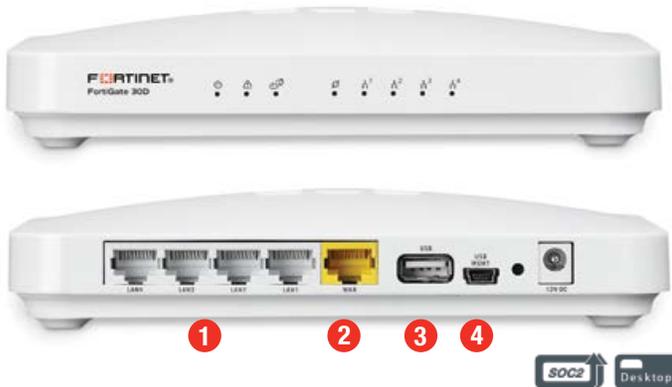
#### Secure Connectivity and Compliance that’s Easy to Deploy and Manage

- 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

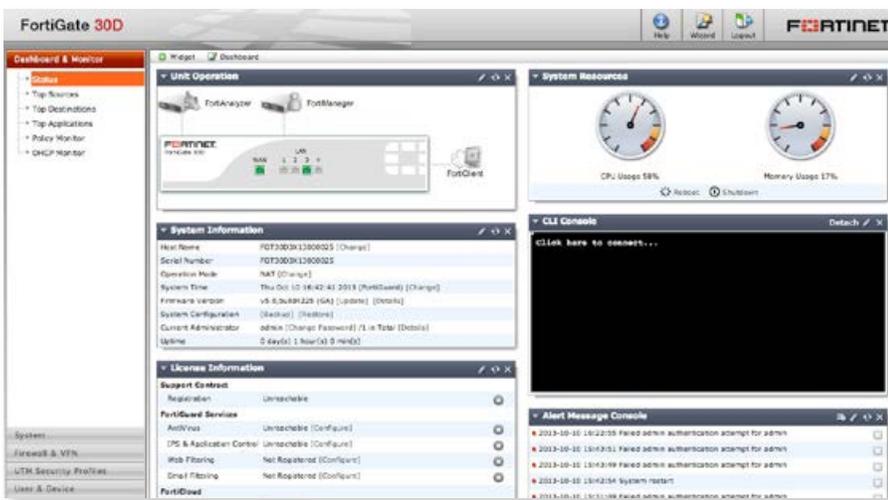
A built-in dual-band, dual-stream access point with internal antennas is integrated on the FortiWiFi 30D and provides speedy 802.11n coverage on both 2.4 GHz and 5 GHz bands. The dual-band chipset addresses the PCI-DSS compliance requirement for rogue AP wireless scanning, providing maximum protection for regulated environments.

# HIGHLIGHTS

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

- **Ease of Use**  
Web-based GUI Lite, 'single pane of glass' management with simplified menu options, minimizes deployment and configuration challenges while ensuring consistent policy creation and enforcement.
- **Contextual Visibility**  
Presents critical deep insights into historic or real-time network activities with data on threat details, IPs, users, devices, applications and more with hosted FortiCloud Service.
- **Advanced Security**  
Extended features such as integrated token server, endpoint control and on-device behavior-based heuristic engine add more security to organizations without incurring additional cost.

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



GUI Lite Dashboard — Single Pane of Glass Management

## Complete and Real-time Security

Fortinet FortiGuard Subscription Services provide automated, real-time, up-to-date protection against the latest security threats. Our threat research labs are located worldwide, providing 24x7 updates when you most need it.

## 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.

The FortiGate-30D and FortiWiFi 30D provide full enterprise-class UTM inspection including; firewall, intrusion prevention, antivirus/antispam, application control, web filtering, data loss prevention and antispam. In order to simplify the configuration steps a number of not generally required features have been removed. See the table below for feature comparison between models.

| FEATURES   | FORTIGATE 30D | FG/FWF-60D and above |
|--|---------------|----------------------|
| <b>Systems</b>                                     |               |                      |
| High Availability                                  | CLI           | •                    |
| Virtual Domain                                     |               | •                    |
| <b>Networking</b>                                  |               |                      |
| DNS Server   |               | •                    |
| Explicit Proxy                                     | CLI           | •                    |
| VLAN   | CLI           | •                    |
| Dynamic Routing                                    | CLI           | •                    |
| Policy Based Routing                               | CLI           | •                    |
| Wireless Controller                                | •             | •                    |
| <b>Firewall</b>                                    |               |                      |
| Traffic Shaping                                    | •             | •                    |
| Server Load Balance                                |               | •                    |
| User / device based Policy                         | •             | •                    |
| <b>UTM</b>   |               |                      |
| IPS, Antivirus, Application Control, Web Filtering | •             | •                    |
| Antispam   | CLI           | •                    |
| Vulnerability Scan                                 |               | •                    |
| Endpoint Control                                   | •             | •                    |
| <b>VPN</b>   |               |                      |
| SSL-VPN  | •             | •                    |
| IPsec VPN  | •             | •                    |

# 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) |

## SPECIFICATIONS

|  | FORTIGATE 30D              | FORTIWIFI 30D              | FORTIGATE 30D-POE                                   | FORTIWIFI 30D-POE          |
|--|----------------------------|----------------------------|---|----------------------------|
| <b>Hardware Specifications</b>                         |                            |                            |   |                            |
| 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   |                            |
| <b>System Performance</b>                              |                            |                            |   |                            |
| 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/Sec (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 (Proxy Based / Flow Based)        |                            |                            | 30 / 40 Mbps  |                            |
| Maximum Number of FortiAPs (Total / Tunnel Mode)       |                            |                            | 2 / 2   |                            |
| Maximum Number of FortiTokens                          |                            |                            | 100   |                            |
| Maximum Number of Registered FortiClients              |                            |                            | 10  |                            |
| <b>Dimensions</b>                                      |                            |                            |   |                            |
| Height x Width x Length (inches)                       |                            |                            | 1.38 x 7.17 x 5.24                                  |                            |
| Height x Width x Length (mm)                           |                            |                            | 35 x 182 x 133                                      |                            |
| Weight   |                            |                            | 0.7 lbs (0.3 kg)                                    |                            |
| Form Factor  |                            |                            | Desktop   |                            |
| <b>Environment</b>                                     |                            |                            |   |                            |
| Power Required   |                            |                            | 100–240V AC, 50–60 Hz                               |                            |
| Maximum Current  | 110V / 0.6 A, 220V / 0.3 A | 110V / 0.6 A, 220V / 0.3 A | 110V / 1.0 A, 220V / 0.5 A                          | 110V / 1.0 A, 220V / 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 Temperature                                  |                            |                            | 32–104°F (0–40°C)                                   |                            |
| Storage Temperature                                    |                            |                            | -31–158°F (-35–70°C)                                |                            |
| Humidity   |                            |                            | 10–90% non-condensing                               |                            |
| Operating Altitude                                     |                            |                            | Up to 7,400 ft (2,250 m)                            |                            |
| <b>Compliance</b>                                      |                            |                            |   |                            |
| Safety   |                            |                            | FCC Part 15 Class B, C-Tick, VCCI, CE, UL/cUL, CB   |                            |
| <b>Certifications</b>                                  |                            |                            |   |                            |
|  |                            |                            | 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.

\* Maximum loading on each PoE port is 15.4 W (802.3af).



GLOBAL HEADQUARTERS  
Fortinet Inc.  
899 Kifer Road  
Sunnyvale, CA 94086  
United States  
Tel: +1.408.235.7700  
www.fortinet.com/sales

EMEA SALES OFFICE  
120 rue Albert Caquot  
06560, Sophia Antipolis,  
France  
Tel: +33.4.8987.0510

APAC SALES OFFICE  
300 Beach Road 20-01  
The Concourse  
Singapore 199555  
Tel: +65.6513.3730

LATIN AMERICA SALES OFFICE  
Prol. Paseo de la Reforma 115 Int. 702  
Col. Lomas de Santa Fe,  
C.P. 01219  
Del. Alvaro Obregón  
México D.F.  
Tel: 011-52-(55) 5524-8480