

[Get a Quote](#)

Overview

FG-3000D is the Fortinet NGFW High-end Series FortiGate 3000D firewall. The FortiGate 3000D series delivers high performance threat protection and SSL inspection for large enterprises and service providers, with the flexibility to be deployed at the enterprise/cloud edge, in the data center core or internal segments.

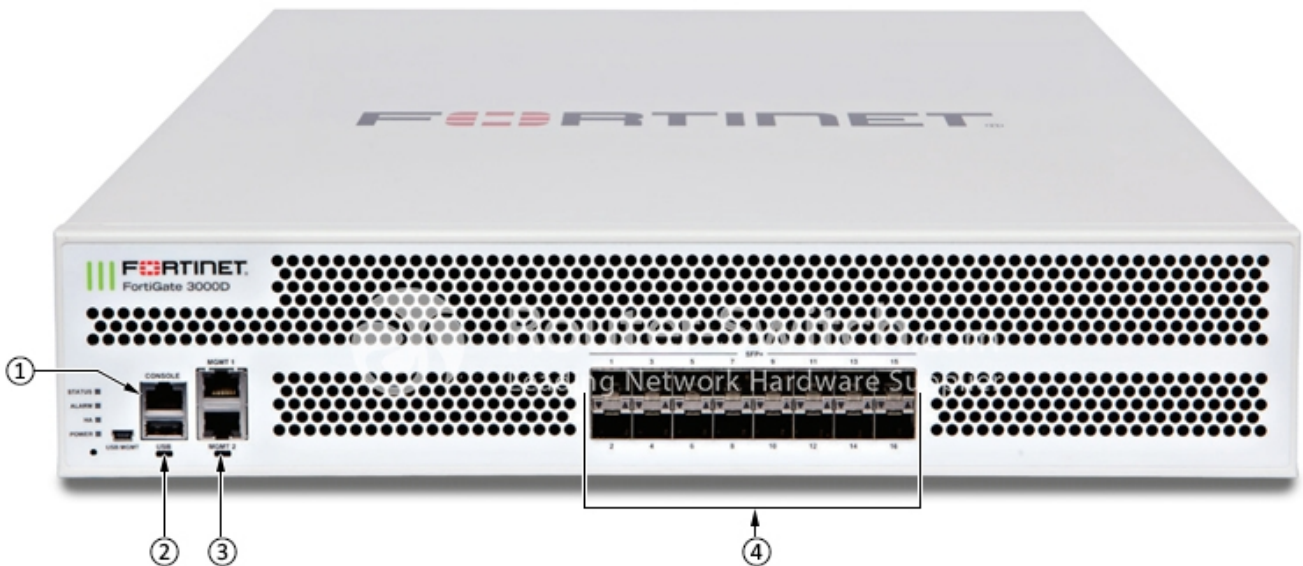
Quick Spec

Table 1 shows the quick spec.

SKU	FG-3000D
Firewall	80 Gbps
IPS	23 Gbps
NGFW	22 Gbps
Threat Protection	13 Gbps
Interfaces	2x GE RJ45 Management Ports 16x 10G SFP+/GE SFP Slots Console Port USB Management Port

Product Details

Figure 1 shows the front view of FG-3000D.



Note:

(1)	Console Port
(2)	USB Management Port
(3)	2x GE RJ45 Management Ports
(4)	16x 10G SFP+/GE SFP Slots

Figure 2 shows the rear view of FG-3000D.



The Optional Accessories & Spares

Table 2 shows the optional accessories or spares of FG-3000D.

Optional Accessories & Spares	SKU	Description
1 GE SFP LX Transceiver Module	FG-TRAN-LX	1 GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots
1 GE SFP RJ45 Transceiver Module	FG-TRAN-GC	1 GE SFP RJ45 transceiver module for all systems with SFP and SFP/SFP+ slots
1 GE SFP SX Transceiver Module	FG-TRAN-SX	1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots
10 GE SFP+ Transceiver Module, Short Range	FG-TRAN-SFP+SR	10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots
10 GE SFP+ Transceiver Module, Long Range	FG-TRAN-SFP+LR	10 GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots
10 GE SFP+ Active Direct Attach Cable, 10m / 32.8 ft	SP-CABLE-ADASFP+	10 GE SFP+ active direct attach cable, 10m / 32.8 ft for all systems with SFP+ and SFP/SFP+ slots
Rack Mount Sliding Rails	SP-FG3040B-RAIL	Rack mount sliding rails for FG-1000C/-DC, FG-1200D, FG-1500D/DC, FG-3040B/-DC, FG-3140B/-DC, FG-3240C/-DC, FG-3000D/-DC, FG-3100D/-DC, FG-3200D/-DC, FG-3700D/-DC, FG-3700DX, FG-3810D/-DC and FG-3950B/-DC
AC Power Supply	SP-FG3600C-PS	AC power supply for FG-3000D, FG-3100D, FG-3200D, FG-3600C and FG-3240C

Compare to Similar Item

Table 3 shows the comparison of FG-3000D and FG-3000D-DC.

SKU	FG-3000D	FG-3000D-DC
Firewall	80 Gbps	80 Gbps
IPS	23 Gbps	23 Gbps
NGFW	22 Gbps	22 Gbps
Threat Protection	13 Gbps	13 Gbps

Interfaces	2x GE RJ45 Management Ports 16x 10G SFP+/GE SFP Slots Console Port USB Management Port	2x GE RJ45 Management Ports 16x 10G SFP+/GE SFP Slots Console Port USB Management Port
Power Supply	AC Power Supply	DC Power Supply

Get More Information

Do you have any question about the FG-3000D?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

FG-3000D Specification	
Type	FORTIGATE 3000D
Interfaces and Modules	
10 GE SFP+ / GE SFP Slots	16
GE RJ45 Management Ports	2
USB Ports (Server)	1
Console Port	1
Internal Storage	1x 480 GB SSD
Included Transceivers	2x SFP+ (SR 10GE)
System Performance and Capacity	
Firewall Throughput (1518 / 512 / 64 byte, UDP)	80 / 80 / 50 Gbps
IPv6 Firewall Throughput (1518 / 512 / 86 byte, UDP)	80 / 80 / 50 Gbps
Firewall Latency (64 byte, UDP)	3 μ s
Firewall Throughput (Packet per Second)	75 Mpps
Concurrent Sessions (TCP)	50 Million
New Sessions/Second (TCP)	400,000
Firewall Policies	200,000
IPsec VPN Throughput (512 byte)	50 Gbps
Gateway-to-Gateway IPsec VPN Tunnels	40,000
Client-to-Gateway IPsec VPN Tunnels	200,000
SSL-VPN Throughput	8 Gbps
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	30,000
SSL Inspection Throughput (IPS, avg. HTTPS)	15 Gbps
SSL Inspection CPS (IPS, avg. HTTPS)	8,000
Application Control Throughput (HTTP 64K)	40 Gbps

CAPWAP Throughput (1444 byte, UDP)	22 Gbps
Virtual Domains (Default / Maximum)	10 / 500
Maximum Number of FortiSwitches Supported	256
Maximum Number of FortiAPs (Total / Tunnel)	4,096 / 1,024
Maximum Number of FortiTokens	20,000
Maximum Number of Registered FortiClients	50,000
High Availability Configurations	Active / Active, Active / Passive, Clustering
System Performance — Enterprise Traffic Mix	
IPS Throughput	23 Gbps
NGFW Throughput	22 Gbps
Threat Protection Throughput	13 Gbps
Dimensions and Power	
Height x Width x Length	3.5 x 17.4 x 21.9 inches 88 x 442 x 555 mm
Form Factor	2 RU
AC Power Supply	100-240V AC, 50-60 Hz
Power Consumption (Average / Maximum)	310 W / 427 W
Heat Dissipation	1457 BTU/h
Redundant Power Supplies	Yes, Hot Swappable
Operating Environment and Certifications	
Operating Temperature	32-104°F (0-40°C)
Storage Temperature	-31-158°F (-35-70°C)
Humidity	10-90% non-condensing
Noise Level	50 dBA
Operating Altitude	Up to 7,400 ft (2,250 m)
Compliance	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB
Certifications	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN; USGv6/IPv6

Download Resource

Support and Resources

 [Fortinet FortiGate NGFW Comparison](#)

Want to Buy

[Order Now](#)

[Get a Quote](#)

Why Router-switch.com

As a leading network hardware supplier, Router-switch.com focuses on original new ICT equipment of [Cisco](#), [Huawei](#), [HPE](#), [Dell](#), [Hikvision](#), [Juniper](#), [Fortinet](#), etc.



200+

Countries we Sold



18,000+

Customers Trusted



\$20,000,000

Inventory Available



50%-98%

Off Global List Price



100%

Safe Online Shopping

Contact Us

- Tel: +1-626-239-8066 (USA) +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com