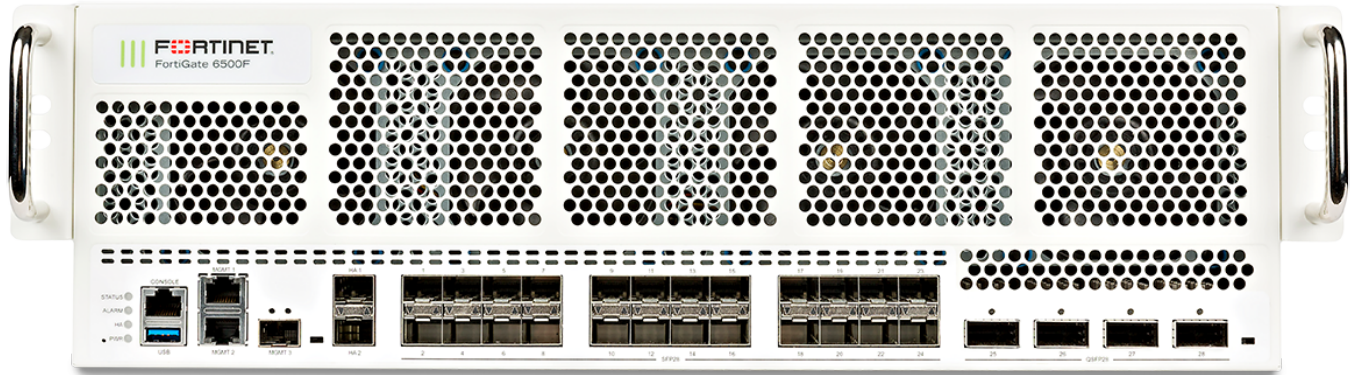**FORTINET**

FortiGate 6000F Series

FG-6001F, FG-6300F/-DC, FG-6301F/-DC, FG-6500F/-DC, and FG-6501F/-DC

Highlights

Gartner Magic Quadrant Leader for both Network Firewalls and WAN Edge Infrastructure.

Secure Networking FortiOS delivers converged networking and security.

Unparalleled Performance with Fortinet's patented / SPU / vSPU processors.

Enterprise Security with consolidated AI / ML-powered FortiGuard Services.

Hyperscale Security to secure any edge at any scale.

High Performance With Flexibility

The FortiGate 6000F Series delivers high performance security-driven networks to large enterprises and service providers that can weave security deep into their datacenter and across their hybrid IT architecture to protect any edge at any scale.

Powered by a rich set of AI/ML-based FortiGuard Services and an integrated security fabric platform, the FortiGate 6000F Series delivers coordinated, automated, end-to-end threat protection across all use cases.

The industry's first integrated Zero Trust Network Access (ZTNA) enforcement within an NGFW solution, FortiGate 6000F automatically controls, verifies, and facilitates user access to applications delivering consistent convergence with a seamless user experience.

Model	IPS	NGFW	Threat Protection	Interfaces
6001F	51/17/170 Gbps	45/15/150 Gbps	30/10/100 Gbps	Multiple 40/100 GE QSFP28, 1/10/25 GE SFP28, 1/10 GE SFP+ and GE RJ45 slots
6300F/6301F	110 Gbps	90 Gbps	60 Gbps	Multiple 40/100 GE QSFP28, 1/10/25 GE SFP28, 1/10 GE SFP+ and GE RJ45 slots
6500F/6501F	170 Gbps	150 Gbps	100 Gbps	Multiple 40/100 GE QSFP28, 1/10/25 GE SFP28, 1/10 GE SFP+ and GE RJ45 slots

FortiOS Everywhere

Available in

Appliance

Virtual

Hosted

Cloud

Container

FortiOS, Fortinet's Advanced Operating System

FortiOS enables the convergence of high performing networking and security across the Fortinet Security Fabric. Because it can be deployed anywhere, it delivers consistent and context-aware security posture across network, endpoint, and multi-cloud environments.

FortiOS powers all FortiGate deployments whether a physical or virtual device, as a container, or as a cloud service. This universal deployment model enables the consolidation of many technologies and use cases into a simplified, single policy and management framework. Its organically built best-of-breed capabilities, unified operating system, and ultra-scalability allows organizations to protect all edges, simplify operations, and run their business without compromising performance or protection.

FortiOS dramatically expands the Fortinet Security Fabric's ability to deliver advanced AI/ML-powered services, inline advanced sandbox detection, integrated ZTNA enforcement, and more, provides protection across hybrid deployment models for hardware, software, and Software-as-a-Service with SASE.

FortiOS expands visibility and control, ensures the consistent deployment and enforcement of security policies, and enables centralized management across large-scale networks with the following key attributes:

- Interactive drill-down and topology viewers that display real-time status
- On-click remediation that provides accurate and quick protection against threats and abuses
- Unique threat score system correlates weighted threats with users to prioritize investigations
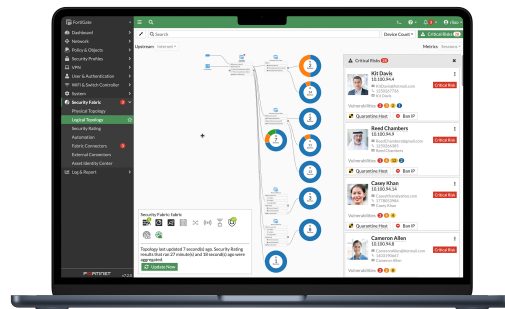
Intuitive easy to use view into the network and endpoint vulnerabilities

Visibility with FOS Application Signatures

FortiConverter Service

FortiConverter Service provides hassle-free migration to help organizations transition from a wide range of legacy firewalls to FortiGate Next-Generation Firewalls quickly and easily. The service eliminates errors and redundancy by employing best practices with advanced methodologies and automated processes. Organizations can accelerate their network protection with the latest FortiOS technology.

FortiGuard Services

Network and File Security

Services provide protection against network-based and file-based threats. This consists of Intrusion Prevention (IPS) which uses AI/M models to perform deep packet/SSL inspection to detect and stop malicious content, and apply virtual patching when a new vulnerability is discovered. It also includes Anti-Malware for defense against known and unknown file-based threats. Anti-malware services span both antivirus and file sandboxing to provide multi-layered protection and are enhanced in real-time with threat intelligence from FortiGuard Labs. Application Control enhances security compliance and offers real-time application visibility.

Web / DNS Security

Services provide protection against web-based threats including DNS-based threats, malicious URLs (including even in emails), and botnet/command and control communications. DNS filtering provides full visibility into DNS traffic while blocking high-risk domains, and protects against DNS tunneling, DNS infiltration, C2 server ID and Domain Generation Algorithms (DGA). URL filtering leverages a database of 300M+ URLs to identify and block links to malicious sites and payloads. IP Reputation and anti-botnet services prevent botnet communications, and block DDoS attacks from known sources.

SaaS and Data Security

Services address numerous security use cases across application usage as well as overall data security. This consists of Data Leak Prevention (DLP) which ensures data visibility, management and protection (including blocking exfiltration) across networks, clouds, and users, while simplifying compliance and privacy implementations. Separately, our Inline Cloud Access Security Broker (CASB) service protects data in motion, at rest, and in the cloud. The service enforces major compliance standards and manages account, user and cloud application usage. Services also include capabilities designed to continually assess your infrastructure, validate that configurations are working effectively and secure, and generate awareness of risks and vulnerabilities that could impact business operations. This includes coverage across IoT devices for both IoT detection and IoT vulnerability correlation.

Zero-Day Threat Prevention

Zero-day threat prevention entails Fortinet's AI-based inline malware prevention, our most advanced sandbox service, to analyze and block unknown files in real-time, offering sub-second protection against zero-day and sophisticated threats across all NGFWs. The service also has a built-in MITRE ATT&CK® matrix to accelerate investigations. The service focuses on comprehensive defense by blocking unknown threats while streamlining incident response efforts and reducing security overhead.
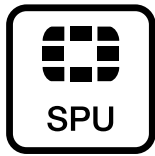
OT Security

The service provides OT detection, OT vulnerability correlation, virtual patching, OT signatures, and industry-specific protocol decoders for overall robust defense of OT environments and devices.

Secure Any Edge at Any Scale

Powered by Security Processing Unit (SPU)

Traditional firewalls cannot protect against today's content- and connection-based threats because they rely on off-the-shelf hardware and general-purpose CPUs, causing a dangerous performance gap. Fortinet's custom SPU processors deliver the power you need—up to 520Gbps—to detect emerging threats and block malicious content while ensuring your network security solution does not become a performance bottleneck.

ASIC Advantage

Network Processor 6 NP6
Fortinet's new breakthrough SPU NP6 network processor works in line with FortiOS functions delivering:

- Superior firewall performance for IPv4/IPv6, SCTP, and multicast traffic with ultra-low latency
- VPN, CAPWAP, and IP tunnel acceleration
- Anomaly-based intrusion prevention, checksum offload, and packet defragmentation
- Traffic shaping and priority queuing

Content Processor 9 CP9
Content Processors act as co-processors to offload resource-intensive processing of security functions. The ninth generation of the Fortinet Content Processor, the CP9, accelerates resource-intensive SSL (including TLS 1.3) decryption and security functions while delivering:

- Pattern matching acceleration and fast inspection of real-time traffic for application identification
- IPS pre-scan/pre-match, signature correlation offload, and accelerated antivirus processing
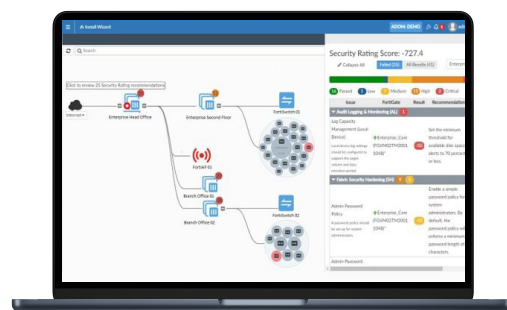
Intuitive view and clear insights into network security posture with FortiManager

Centralized Network and Security Management at Scale

FortiManager, the centralized management solution from Fortinet, enables integrated management of the Fortinet security fabric, including devices like FortiGate, FortiSwitch, and FortiAP. It simplifies and automates the oversight of network and security functions across diverse environments, serving as the fundamental component for deploying Hybrid Mesh Firewalls.

Use Cases

Next Generation Firewall (NGFW)

- FortiGuard Labs' suite of AI-powered Security Services—natively integrated with your NGFW—secures web, content, and devices and protects networks from ransomware and sophisticated cyberattacks
- Real-time SSL inspection (including TLS 1.3) provides full visibility into users, devices, and applications across the attack surface
- Fortinet's patented SPU (Security Processing Unit) technology provides industry-leading high-performance protection

Segmentation

- Dynamic segmentation adapts to any network topology to deliver true end-to-end security—from the branch to the datacenter and across multi-cloud environments
- Ultra-scalable, low latency, VXLAN segmentation bridges physical and virtual domains with Layer 4 firewall rules
- Prevents lateral movement across the network with advanced, coordinated protection from FortiGuard Security Services detects and prevents known, zero-day, and unknown attacks
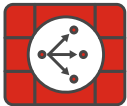
Secure SD-WAN

- FortiGate WAN Edge powered by one OS and unified security and management framework and systems transforms and secures WANs
- Delivers superior quality of experience and effective security posture for work-from-anywhere models, SD-Branch, and cloud-first WAN use cases
- Achieve operational efficiencies at any scale through automation, deep analytics, and self-healing

Mobile Security for 4G, 5G, and IoT

- SPU-accelerated, high performance CGNAT and IPv6 migration options, including: NAT44, NAT444, NAT64/ DNS64, NAT46 for 4G Gi/sGi, and 5G N6 connectivity and security

- RAN Access Security with highly scalable and highest-performing IPsec aggregation and control Security Gateway (SecGW)

- User plane security enabled by full threat protection and visibility into GTP-U inspection

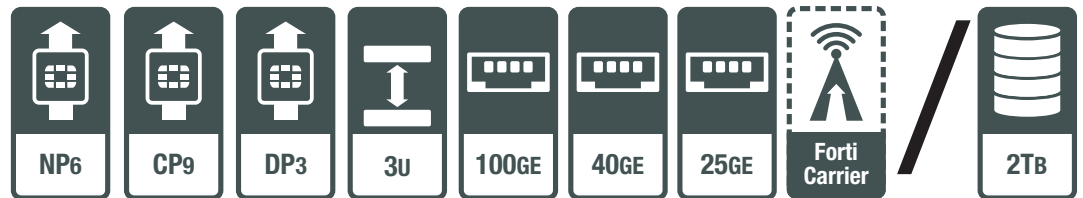### Datacenter Deployment (NGFW, IPS, Segmentation)
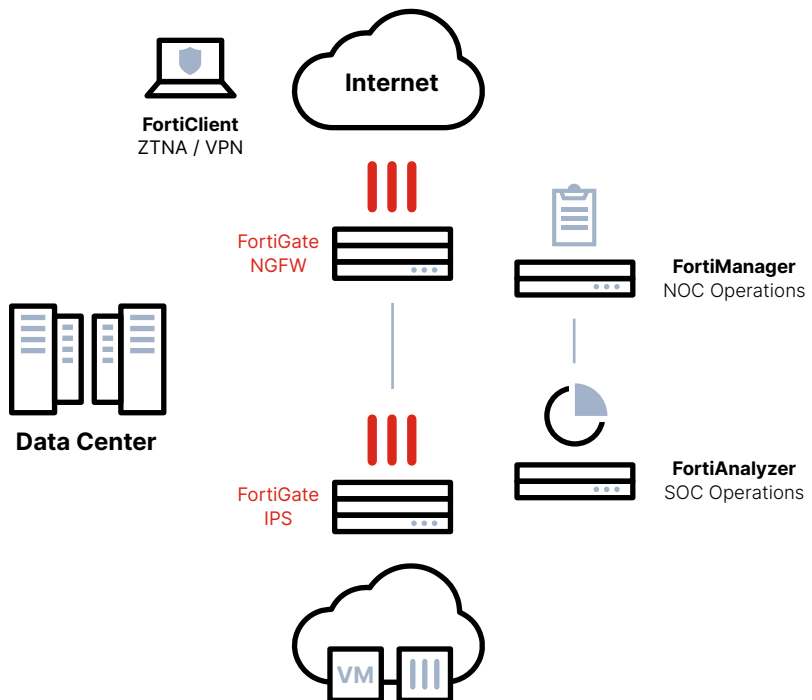
Hardware

FortiGate FG-6001, FG-6300F/-DC, FG-6301F/-DC, FG-6500F/-DC, FG-6501F/-DC
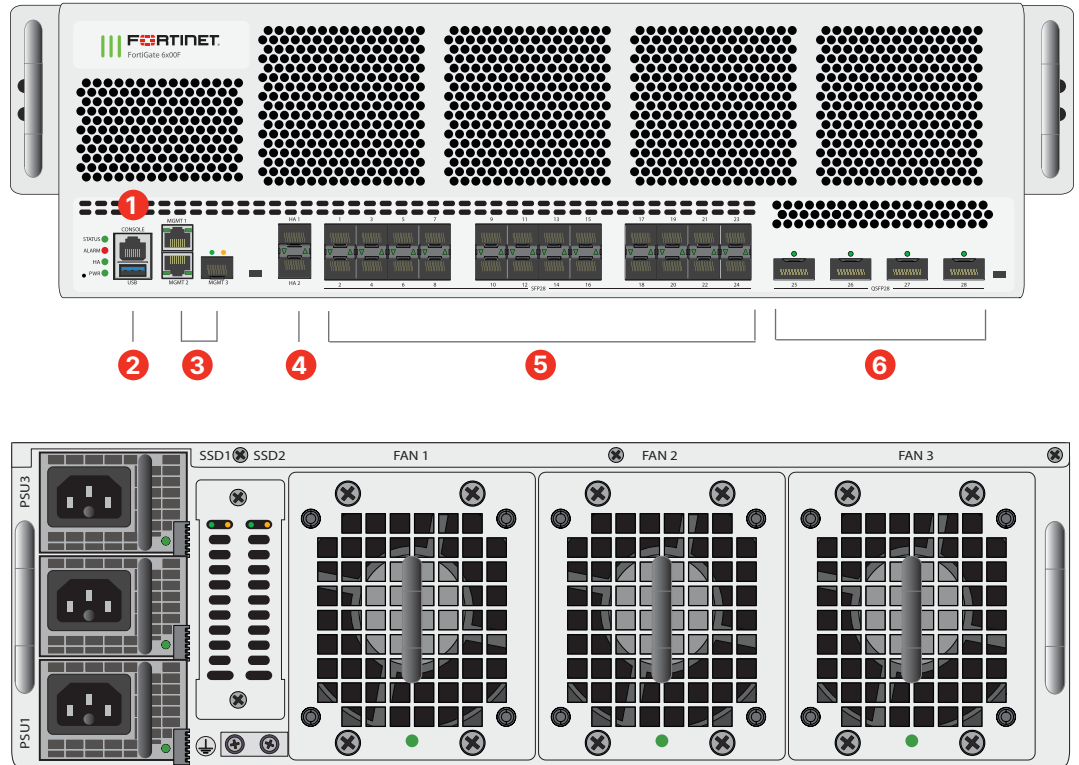
Interfaces

1. Console Port
2. USB Port
3. 2 x GE RJ45, 1 X 1/10 GE SFP+ Management Ports

4. 2 × 10 GE SFP+ HA Slots
5. 24 × 1/10/25 GE SFP/SFP+/SFP28 Slots
6. 4 × 40/100 GE QSFP+/QSFP28 Slots

Hardware Features

FG-6001F Configuration

The FG-6001F comes with 10x FPC blades installed by default and an embedded license to enable 3x FPC blades only. If higher throughput is required, an additional perpetual license or subscription license is available to enable more FPC blades for increased throughput.

Specifications

FORTIGATE	6001F	6300F/-DC, 6301F/-DC	6500F/-DC, 6501F/-DC
Interfaces and Modules			
Hardware Accelerated 40/100 GE QSFP28 Slots		4	
Hardware Accelerated 1/10/25 GE SFP28 Slots		24	
Hardware Accelerated 10 GE SFP+ Slots		3	
GE RJ45 Management Ports		2	
USB Port		1	
Console Port		1	
Onboard Storage	2× 1 TB NVMe	2× 1 TB NVMe (for 6301F and 6501F only)	
Included Transceivers		2x SFP+ (SR 10 GE)	
System Performance — Enterprise Traffic Mix	Default/ per FPC / Max		
IPS Throughput [2]	51 / 17 / 170 Gbps	110 Gbps	170 Gbps
NGFW Throughput [2, 4]	45 / 15 / 150 Gbps	90 Gbps	150 Gbps
Threat Protection Throughput [2, 5]	30 / 10 / 100 Gbps	60 Gbps	100 Gbps
System Performance and Capacity			
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP)	1518: 120 / 40 / 239 Gbps 512: 120 / 40 / 238 Gbps 1518: 40.5 / 13.5 / 135 Gbps	239 / 238 / 135 Gbps	239 / 238 / 135 Gbps
IPv6 Firewall Throughput (1518 / 512 / 86 byte, UDP)		239 / 238 / 135 Gbps	239 / 238 / 135 Gbps
Firewall Latency (64 byte, UDP)	4.80 μs	4.80 μs	4.80 μs
Firewall Throughput (Packet per Second)	60.75 / 20.25 / 202.5 Mpps	202.5 Mpps	202.5 Mpps
Concurrent Sessions (TCP)	60 / 20 / 200 Million	120 Million	200 Million
New Sessions/Second (TCP)	900 000 / 300 000 / 3 Million	2 Million	3 Million
Firewall Policies	200 000	200 000	200 000
IPsec VPN Throughput (512 byte) [1]	48 / 16 / 160 Gbps	96 Gbps	160 Gbps
Gateway-to-Gateway IPsec VPN Tunnels	16 000	16 000	16 000
Client-to-Gateway IPsec VPN Tunnels	90 000	90 000	90 000
SSL-VPN Throughput	9 Gbps on Master FPC	9 Gbps	9 Gbps
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	30 000	30 000	30 000
SSL Inspection Throughput (IPS, avg. HTTPS) [3]	33 / 11 / 110 Gbps	66 Gbps	110 Gbps
SSL Inspection CPS (IPS, avg. HTTPS) [3]	15 000 / 5000 / 50 000	30 000	50 000
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	5.4 / 1.8 / 18 Million	10 Million	18 Million
Application Control Throughput (HTTP 64K) [2]	66 / 22 / 220 Gbps	150 Gbps	220 Gbps
CAPWAP Throughput (HTTP 64K)		N/A	
Virtual Domains (Default / Maximum)		10 / 500	
Maximum Number of FortiSwitches Supported		256	
Maximum Number of FortiAPs (Total / Tunnel)		N/A	
Maximum Number of FortiTokens		20 000	
High Availability Configurations		Active-Active (FGSP), Active-Passive, Clustering	

Note: All performance values are "up to" and vary depending on system configuration.

[1] IPsec VPN performance test uses AES256-SHA256.

[2] IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.

[3] SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.

[4] NGFW performance is measured with Firewall, IPS and Application Control enabled.

[5] Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled.

Specifications

FORTIGATE	6001F	6300F/-DC, 6301F/-DC	6500F/-DC, 6501F/-DC
Dimensions and Power			
Height x Width x Length (inches)	5.3 × 17.2 × 27.3	5.20 × 17.20 × 26.18	5.3 × 17.2 × 27.3
Height x Width x Length (mm)	133 × 437 × 694	132 × 437 × 665	133 × 437 × 694
Weight	78.26 lbs (35.5 kg) 79.59 lbs (36.1 kg)	67.68 lbs (30.7 kg) 69.00 lbs (31.3 kg)	78.26 lbs (35.5 kg) 79.59 lbs (36.1 kg)
Form Factor (supports EIA/non-EIA standards)	Rack Mount, 3 RU		
AC Power Supply	100–240V AC, 50/60 Hz	100–240V AC, 50/60 Hz	
Power Consumption (Average / Maximum)	1308 W / 1548 W 1328 W / 1568 W	977 W / 1217 W 977 W / 1237 W	1308 W / 1548 W 1328 W / 1568 W
AC Current (Maximum)	30A@100VAC, 20A@240VAC		
DC Power Supply	N/A	-48 to -60V DC	
DC Current (Maximum)	N/A	25-32A (x2)	
Heat Dissipation	5282 BTU/h / 5350 BTU/h	4153 BTU/h / 4221 BTU/h	5282 BTU/h / 5350 BTU/h
Power Supply Efficiency Rating	80Plus Compliant		
Redundant Power Supplies	2+1 Redundant / 1+1 Redundant if using high line power Hot Swappable		
Fan Trays	Hot Swappable		
Operating Environment and Certifications			
Operating Temperature	32°F to 104°F (0°C to 40°C)		
Storage Temperature	-31°F to 158°F (-35°C to 70°C)		
Humidity	10% to 90% non-condensing		
Noise Level	57.43 dBA		
Forced Airflow	Front to Back		
Operating Altitude	Up to 10 000 ft (3048 m)		
Compliance	FCC Part 15 Class A, RCM, VCCI, CE, UL/cUL, CB		
Certifications	USGv6/IPv6		

Ordering Information

Product	SKU	Description
Hardware		
FortiGate 6001F	FG-6001F	4× 40/100GE QSFP28 slots, 24× 1/10/25GE SFP28 slots, 2× 1GE RJ45 management ports, 2× 1/10GE SFP+ HA slots, 1× 1/10GE SFP+ MGMT slot, 2× 960GB NVMe, and 3x AC power supplies (3FPC slots enabled by default, upgrade SKU LIC-FG6KF-FPC or FG-10-F6KF01-XXX-12).
FortiGate 6300F	FG-6300F	4× 40/100GE QSFP28 slots, 24× 1/10/25GE SFP28 slots, 2× 1GE RJ45 management ports, 2× 1/10GE SFP+ HA slots, 1× 1/10GE SFP+ MGMT slot, and 3x AC power supplies.
FortiGate 6300F-DC	FG-6300F-DC	4× 40/100GE QSFP28 slots, 24× 1/10/25GE SFP28 slots, 2× 1GE RJ45 management ports, 2× 1/10GE SFP+ HA slots, 1× 1/10GE SFP+ MGMT slot, and 2x DC power supplies.
FortiGate 6301F	FG-6301F	4× 40/100GE QSFP28 slots, 24× 1/10/25GE SFP28 slots, 2× 1GE RJ45 management ports, 2× 1/10GE SFP+ HA slots, 1× 1/10GE SFP+ MGMT slot, 2× 1 TB NVMe, and 3x AC power supplies.
FortiGate 6301F-DC	FG-6301F-DC	4× 40/100GE QSFP28 slots, 24× 1/10/25GE SFP28 slots, 2× 1GE RJ45 management ports, 2× 1/10GE SFP+ HA slots, 1× 1/10GE SFP+ MGMT slot, 2× 1TB NVMe, and 2x DC power supplies.
FortiGate 6500F	FG-6500F	4× 40/100GE QSFP28 slots, 24× 1/10/25GE SFP28 slots, 2× 1GE RJ45 management ports, 2× 1/10GE SFP+ HA slots, 1× 1/10GE SFP+ MGMT slot, and 3x AC power supplies.
FortiGate 6500F-DC	FG-6500F-DC	4× 40/100GE QSFP28 slots, 24× 1/10/25GE SFP28 slots, 2× 1GE RJ45 management ports, 2× 1/10GE SFP+ HA slots, 1× 1/10GE SFP+ MGMT slot, and 2x DC power supplies.
FortiGate 6501F	FG-6501F	4× 40/100GE QSFP28 slots, 24× 1/10/25GE SFP28 slots, 2× 1GE RJ45 management ports, 2× 1/10GE SFP+ HA slots, 1× 1/10GE SFP+ MGMT slot, 2× 1 TB NVMe, and 3x AC power supplies.
FortiGate 6501F-DC	FG-6501F-DC	4× 40/100GE QSFP28 slots, 24× 1/10/25GE SFP28 slots, 2× 1GE RJ45 management ports, 2× 1/10GE SFP+ HA slots, 1× 1/10GE SFP+ MGMT slot, 2× 1TB NVMe, and 2x DC power supplies.
Subscriptions		
Perpetual FPC License for FortiGate-6001F	LIC-FG6KF-FPC	Upgrade License to enable 1x FPC on FortiGate-6001F limited to 7 FPC capacity.
Annual subscription for FPC License	FC1-10-6KF01-XXX	Subscription License for enabling 1x FPC on FortiGate-6001F. This is a seat SKU where the total number of FPCs must be added as seats in an increment of one and the maximal order is seven FPCs.
Training		
FortiGate Chassis-based Firewall Platform (FGT 6000 series) Training - 2 days	FT-FGT-CHS-6K	Course description: https://training.fortinet.com/local/staticpage/view.php?page=library_fortigate-6000-series Upcoming sessions: https://training.fortinet.com/calendar/view.php/Course:FortiGate_6000_Series Price includes lab access and course material (Lab and Study guides). Exam voucher not included.
Optional Accessories/Spares		
Fan Tray	SP-FG4K6K-FAN	Spare Hot Swappable Fan Module for FG-420xF/440xF/6000F.
AC 1500W Power Supply	FG-7040E-PS-AC	1500W AC Power Supply for FG-7030E,FG-7040E, 6000F and FG-3900E series (not compatible for use with FG-7060E) , does not include SP-FGPCORC15-XX power cord.
AC 2000W Power Supply	SP-FG4000F-PS	2000W AC power supply for 4000F and 6000F series, does not include SP-FGPCORC15-XX power cord.
DC Power Supply	SP-FG4000F-DC-PS	DC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.
Power Cord	SP-FGPCORC15-XX	6 ft power cord, 15A125V XXX, PSE BLACK ROHS-6, for FG-3900E, 4000F, 6000F,W and 7000E/F Series.
Transceiver Modules		
1 GE SFP RJ45 Transceiver Module	FN-TRAN-GC	1 GE SFP RJ45 transceiver module for all systems with SFP and SFP/SFP+ slots.
1 GE SFP SX Transceiver Module	FN-TRAN-SX	1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots.
1 GE SFP LX Transceiver Module	FN-TRAN-LX	1 GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots.
10 GE Copper SFP+ RJ45 Transceiver (30m range)	FN-TRAN-SFP+GC	10 GE copper SFP+ RJ45 Fortinet Transceiver (30m range) for systems with SFP+ slots.
10 GE SFP+ Transceiver Module, short range	FN-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	FN-TRAN-SFP+LR	10 GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots.
10 Gbase-ER SFP+ Transceivers	FN-TRAN-SFP+ER	10 Gbase-ER SFP+ transceivers for FortiSwitch and FortiGate, 1550nm. Single Mode. 40km range for systems with SFP+ slots.
10 GE SFP+ Transceiver Module, 30km Long Range	FN-TRAN-SFP+BD27	10 GE SFP+ transceiver module, 30km long range single BiDi for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD33, ordered separately).
10 GE SFP+ Transceiver Module, 30 km long range	FN-TRAN-SFP+BD33	10 GE SFP+ transceiver module, 30KM long range single BiDi for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately).
10 GE SFP+ Transceiver Module, 80km Extreme Long Range	FN-TRAN-SFP+ZR	10 GE SFP+ transceiver module, 80km extreme long range, for systems with SFP+ and SFP/SFP+ slots.
25 GE SFP28 Transceiver Module, short range	FN-TRAN-SFP28-SR	25 GE/10GE Dual Rate SFP28 transceiver module, short range for all systems with SFP28/SFP+ slots.
25 GE SFP28 Transceiver Module, long range	FN-TRAN-SFP28-LR	25 GE SFP28 transceiver module, long range for all systems with SFP28 slots.

Ordering Information

Product	SKU	Description
40 GE QSFP+ Transceiver Module, short range	FN-TRAN-QSFP+SR	40GE QSFP+ transceivers, short range 40GE QSFP+ transceiver module, short range for systems with QSFP+ slots.
40 GE QSFP+ Transceiver Module, long range	FN-TRAN-QSFP+LR	40 GE QSFP+ transceivers, long range for all systems with QSFP+ slots.
40 GE QSFP+ Transceiver Module, Short Range BiDi	FG-TRAN-QSFP+SR-BIDI	40 GE QSFP+ transceiver module, short range BiDi for all systems with QSFP+ slots.
40 GE QSFP+ Transceiver Module, 40km Extended Range	FN-TRAN-QSFP+ER	40 GE QSFP+ transceiver module, 40km extended range, for systems with QSFP+/QSFP28 slots.
100 GE QSFP28 Transceiver Module	FN-TRAN-QSFP28-SR	100 GE QSFP28 transceivers, 4 channel parallel fiber, short range for all systems with QSFP28 slots.
100 GE QSFP28 Transceiver Module, long range	FN-TRAN-QSFP28-LR	100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots.
100 GE QSFP28 Transceiver Module	FN-TRAN-QSFP28-CWDM4	100 GE QSFP28 transceivers, LC connectors, 2KM for all systems with QSFP28 slots.
100 GE QSFP28 BIDI Transceiver Module	FN-TRAN-QSFP28-BIDI	100 GE QSFP28 BIDI transceiver module, 100m MMF LC connector, for systems with QSFP28 slots.
100 GE QSFP28 Transceiver Module, short range BiDi	FN-TRAN-QSFP28-BIDI-I	100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.
100 GE QSFP28 Transceiver Module, 20km Extended Range	FN-TRAN-QSFP28-ER	100 GE QSFP28 transceiver module, 20km extended range, eLR4, gen3, for systems with QSFP28 slots.
100 GE QSFP28 Transceiver Module, 20km Range	FN-TRAN-QSFP28-LR4	100 GE QSFP28 transceiver module, 20km range, LR4, for systems with QSFP28 slots.
100 GE QSFP28 Transceiver Module	FN-TRAN-QSFP28-DR	100GE QSFP28 transceiver module, single channel single-mode fiber, 100GBase-DR for systems with QSFP28 slots.
Cables		
25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-SFP28-1	25 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.
25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-SFP28-3	25 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.
25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-SFP28-5	25 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.
40 GE QSFP+ Passive Direct Attach Cable, 1m Range	SP-CABLE-FS-QSFP+1	40 GE QSFP+ Passive Direct Attach Cable, 1m range for Systems with QSFP+ slots.
40 GE QSFP+ Passive Direct Attach Cable, 3m Range	SP-CABLE-FS-QSFP+3	40 GE QSFP+ Passive Direct Attach Cable, 3m range, for Systems with QSFP+ slots.
40 GE QSFP+ Passive Direct Attach Cable, 5m Range	SP-CABLE-FS-QSFP+5	40 GE QSFP+ Passive Direct Attach Cable, 5m range, for Systems with QSFP+ slots.
100 GE QSFP28 breakout to 4× 25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-QSFP28-4SFP28-1	100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 1m.
100 GE QSFP28 breakout to 4× 25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-QSFP28-4SFP28-3	100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m.
100 GE QSFP28 breakout to 4× 25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-QSFP28-4SFP28-5	100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m.
100 GE QSFP28 Passive Direct Attach Cable, 1m Range	FN-CABLE-QSFP28-1	100 GE QSFP28 passive direct attach cable, 1m range, for systems with QSFP28 slots.
100 GE QSFP28 Passive Direct Attach Cable, 2m Range	FN-CABLE-QSFP28-2	100 GE QSFP28 passive direct attach cable, 2m range, for systems with QSFP28 slots.
100 GE QSFP28 Passive Direct Attach Cable, 3m Range	FN-CABLE-QSFP28-3	100 GE QSFP28 passive direct attach cable, 3m range, for systems with QSFP28 slots.

Subscriptions

| Service Category	Service Offering	A-la-carte	Bundles		
			Enterprise Protection	Unified Threat Protection	Advanced Threat Protection
FortiGuard Security Services	IPS — IPS, Malicious/Botnet URLs	•	•	•	•
	Anti-Malware Protection (AMP)—AV, Botnet Domains, Mobile Malware, Virus Outbreak Protection, Content Disarm and Reconstruct [3], AI-based Heuristic AV, FortiGate Cloud Sandbox	•	•	•	•
	URL, DNS and Video Filtering — URL, DNS and Video [3] Filtering, Malicious Certificate	•	•	•	
	Anti-Spam		•	•	
	AI-based Inline Malware Prevention [3]	•	•		
	Data Loss Prevention (DLP) [1]	•	•		
	Attack Surface Security — IoT Device Detection, IoT Vulnerability Correlation and Virtual Patching, Security Rating, Outbreak Check	•	•		
	OT Security—OT Device Detection, OT vulnerability correlation and Virtual Patching, OT Application Control and IPS [1]	•			
	Application Control	included with FortiCare Subscription			
	Inline CASB [3]	included with FortiCare Subscription			
SD-WAN and SASE Services	SD-WAN Underlay Bandwidth and Quality Monitoring	•			
	SD-WAN Overlay-as-a-Service	•			
	SD-WAN Connector for FortiSASE Secure Private Access	•			
	SASE connector for FortiSASE Secure Edge Management (with 10Mbps Bandwidth) [2]	•			
NOC and SOC Services	FortiConverter Service for one time configuration conversion	•	•		
	Managed FortiGate Service—available 24×7, with Fortinet NOC experts performing device setup, network, and policy change management	•			
	FortiGate Cloud—Management, Analysis, and One Year Log Retention	•			
	FortiManager Cloud	•			
	FortiAnalyzer Cloud	•			
	FortiGuard SOCaaS—24×7 cloud-based managed log monitoring, incident triage, and SOC escalation service	•			
Hardware and Software Support	FortiCare Essentials [2]	•			
	FortiCare Premium	•	•	•	•
	FortiCare Elite	•			
Base Services	Device/OS Detection, GeoIPs, Trusted CA Certificates, Internet Services and Botnet IPs, DDNS (v4/v6), Local Protection, PSIRT Check, Anti-Phishing	included with FortiCare Subscription			

1. Full features available when running FortiOS 7.4.1.

2. Desktop Models only.

3. Not available for FortiGate/FortiWiFi 40F, 60E, 60F, 80E, and 90E series from 7.4.4 onwards.

FortiGuard Bundles

FortiGuard Labs delivers a number of security intelligence services to augment the FortiGate firewall platform. You can easily optimize the protection capabilities of your FortiGate with one of these FortiGuard Bundles.
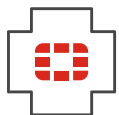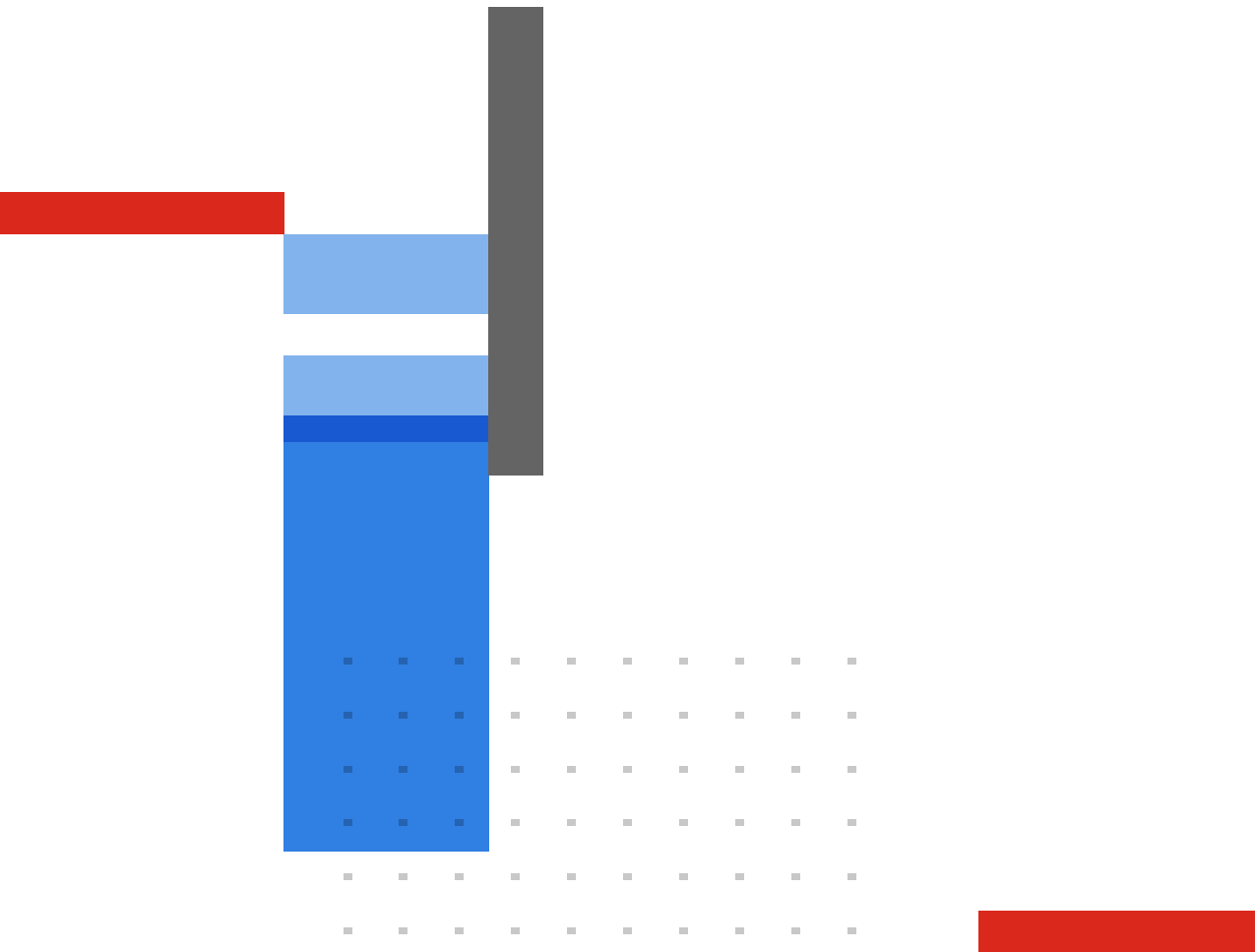
FortiCare Services

Fortinet prioritizes customer success through FortiCare Services, optimizing the Fortinet Security Fabric solution. Our comprehensive lifecycle services include Design, Deploy, Operate, Optimize, and Evolve. The FortiCare Elite, one of the service variants, offers heightened SLAs and swift issue resolution with a dedicated support team. This advanced support option includes an Extended End-of-Engineering-Support of 18 months, providing flexibility. Access the intuitive FortiCare Elite Portal for a unified view of device and security health, streamlining operational efficiency and maximizing Fortinet deployment performance.

Fortinet Corporate Social Responsibility Policy

Fortinet is committed to driving progress and sustainability for all through cybersecurity, with respect for human rights and ethical business practices, making possible a digital world you can always trust. You represent and warrant to Fortinet that you will not use Fortinet's products and services to engage in, or support in any way, violations or abuses of human rights, including those involving illegal censorship, surveillance, detention, or excessive use of force. Users of Fortinet products are required to comply with the Fortinet EULA and report any suspected violations of the EULA via the procedures outlined in the Fortinet Whistleblower Policy.

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