

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



Available in



Appliance



Virtual





Cloud



Container

FortiOS Everywhere

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 Al/ 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

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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 multilayered 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 subsecond 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



FortiCare Services

Fortinet is dedicated to helping our customers succeed, and every year FortiCare Services help thousands of organizations get the most from our Fortinet Security Fabric solution. Our lifecycle portfolio offers Design, Deploy, Operate, Optimize, and Evolve services. Operate services offer device-level FortiCare Elite service with enhanced SLAs to meet our customer's operational and availability needs. In addition, our customized account-level services provide rapid incident resolution and offer proactive care to maximize the security and performance of Fortinet deployments.



Use Cases

Next Generation Firewall (NGFW)

- FortiGuard Labs' suite of Al-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-any where 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

Hardware Features

- 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



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

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Psec VPN Throughput (512 byte) 1 48 / 16 / 160 Gbps 96 Gbps 160 Gbps Gateway-to-Gateway IPsec VPN Tunnels 16 000 16 000 90 000	New Sessions/Second (TCP)	900 000 / 300 000 / 3 Million	2 Million	3 Million
Gateway-to-Gateway IPsec VPN Tunnels 16 000 16 000 90 000 9	Firewall Policies	200 000	200 000	200 000
Cleint-to-Gateway IPsec VPN Tunnels 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 15 000 / 5000 / 50 000 30 000 50 000 SSL Inspection Concurrent Session (PS, avg. HTTPS) ³ 15 000 / 50 000 30 000 50 000 Application Control Throughput (HTTP 64K) ² 66 / 22 / 220 Gbps 150 Gbps 220 Gbps CAPWAP Throughput (HTTP 64K) N/A Virtua Domains (Default / Maximum) 10 / 500 Maximum Number of FortiSwitches Supported 256 S10 S10 Maximum Number of FortiAPs Chotal / Tunnel) N/A S10 S10	IPsec VPN Throughput (512 byte) ¹	48 / 16 / 160 Gbps	96 Gbps	160 Gbps
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 / 10 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 15 000 / 5000 / 50 000 30 000 50 000 SSL Inspection Concurrent Session (IPS, avg. HTTPS) ³ 15 000 / 50 000 30 000 50 000 SSL Inspection Concurrent Session (IPS, avg. HTTPS) ³ 66 / 22 / 220 Gbps 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) 256 Maximum Number of FortiAPs (Stal / Tunnel) 20 000 N/A Virtual Stal Stal Stal Stal Stal Stal Stal St	Gateway-to-Gateway IPsec VPN Tunnels	16 000	16 000	16 000
Concurrent SSI-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 15 000 / 5000 / 50 000 30 000 50 000 SSL Inspection Concurrent Session (IPS, avg. HTTPS) ³ 66 / 22 / 220 Gbps 10 Million 18 Million Application Control Throughput (HTTP 64K) ² 66 / 22 / 220 Gbps N/A 220 Gbps CAPWAP Throughput (HTTP 64K) N/A 10 / 500 5000 Maximum Number of FortiSwitches Supported 256 100 Maximum Number of FortiSwitches N/A 10 / 500 Maximum Number of FortiAPs 20 000 100	Client-to-Gateway IPsec VPN Tunnels	90 000	90 000	90 000
(Recommended Maximum, Tunnel Mode) SSL Inspection Throughput (IPS, avg. HTTPS) ³ 33 / 11 / 10 Gbps 66 Gbps 110 Gbps SSL Inspection CPS (IPS, avg. HTTPS) ³ 15 000 / 50 000 30 000 50 000 SSL Inspection Concurrent Session (IPS, avg. HTTPS) ³ 15 000 / 50 000 30 000 50 000 SSL Inspection Concurrent Session (IPS, avg. HTTPS) ³ 66 / 22 / 220 Gbps 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 256 20 000 20 000	SSL-VPN Throughput	9 Gbps on Master FPC	9 Gbps	9 Gbps
(IPs, avg. HTTPS) ³ 15 000 / 500 000 30 000 50 000 SSL Inspection CPS (IPS, avg. HTTPS) ³ 15 000 / 500 000 30 000 18 Million 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 Virdual Control Throughput N/A Maximum Number of FortiAPs 20 000 20 000 N/A		30 000	30 000	30 000
SSL Inspection Concurrent Session5.4 / 1.8 / 18 Million10 Million18 MillionApplication Control Throughput (HTTP 64K) 266 / 22 / 220 Gbps150 Gbps220 GbpsCAPWAP Throughput (HTTP 64K)N/A10 / 50010 / 500Virtual Domains (Default / Maximum)10 / 500256256Maximum Number of FortiSwitches (Total / Tunnel)N/A10 / 200Maximum Number of FortiTokens20 00010 / 200	SSL Inspection Throughput (IPS, avg. HTTPS) ³	33 / 11 / 110 Gbps	66 Gbps	110 Gbps
(IPs, avg. HTTPS) ³ 66 / 22 / 220 Gbps 150 Gbps 220 Gbps CAPWAP Throughput (HTTP 64K) N/A N/A Virtual Domains (Default / Maximum) 10 / 500 10 Maximum Number of FortiSwitches supported 256 N/A Maximum Number of FortiAPs N/A N/A Maximum Number of FortiTokens 2000 N/A	SSL Inspection CPS (IPS, avg. HTTPS) ³	15 000 / 5000 / 50 000	30 000	50 000
(HTTP 64K) ² N/A CAPWAP Throughput (HTTP 64K) N/A Virtual Domains (Default / Maximum) 10 / 500 Maximum Number of FortiSwitches 256 Maximum Number of FortiAPs (Total / Tunnel) N/A Maximum Number of FortiTokens 20 000		5.4 / 1.8 / 18 Million	10 Million	18 Million
Virtual Domains (Default / Maximum) 10 / 500 Maximum Number of FortiSwitches 256 Maximum Number of FortiAPs (Total / Tunnel) N/A Maximum Number of FortiTokens 20 000		66 / 22 / 220 Gbps	150 Gbps	220 Gbps
Maximum Number of FortiSwitches 256 Supported N/A Maximum Number of FortiAPs (Total / Tunnel) N/A Maximum Number of FortiTokens 20 000	CAPWAP Throughput (HTTP 64K)		N/A	
Supported Maximum Number of FortiAPs (Total / Tunnel) Maximum Number of FortiTokens 20 000	Virtual Domains (Default / Maximum)		10 / 500	
(Total / Tunnel) 20 000			256	
			N/A	
High Availability Configurations Active-Active (FGSP), Active-Passive, Clustering	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.

 $^{\rm 2}$ IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.

 $^{\rm s}$ SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.

 $^{\rm 4}$ 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 A	C, 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 / 5350 BTU/h				
Power Supply Efficiency Rating		80Plus Compliant			
Redundant Power Supplies	2+1 Redun	dant / 1+1 Redundant if using high line power Hot	Swappable		
Fan Trays	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	57.43 dBA				
Forced Airflow	Front to Back				
Operating Altitude	Up to 7400 ft (2250 m)				
Compliance		FCC Part 15 Class A, RCM, VCCI, CE, UL/cUL, CB			

Ordering Information

Product	SKU	Description
Hardware		
FortiGate 6001F	FG-6001F	4 × 100/40GE QSFP28 slots, 24 × 25/10GE SFP+ slots, 2 × 1GE RJ45 management ports, 2× 10GE SFP+ HA ports, 1× 10GE SFP+ MGMT port, 2 × 960GB NVMe, and 3 x AC power supplies (3FPC slots enabled by default, upgrade SKU LIC-FG6KF-FPC or FG-10-F6KF01-XXX-12).
FortiGate 6300F	FG-6300F	$4 \times 40/100$ GE QSFP28 slots, $24 \times 1/10/25$ GE SFP28 slots, 2×1 GE RJ45 management ports, 2×10 GE SFP+ HA ports, $1 \times 1/10$ GE SFP+ management port, and $3 \times AC$ power supplies.
FortiGate 6300F-DC	FG-6300F-DC	4 \times 100GE QSFP28 slots, 24 \times 25GE SFP28 slots, 3 \times 10GE SFP+ slots, 2 \times GE RJ45 MGMT port, and 2 \times DC power supplies.
FortiGate 6301F	FG-6301F	4× 40/100 GE QSFP28 slots, 24× 1/10/25 GE SFP28 slots, 2× 1 GE RJ45 management ports, 2× 10 GE SFP+ HA ports, 1× 1/10 GE SFP+ management port, 2× 1 TB NVMe, and 3x AC power supplies.
FortiGate 6301F-DC	FG-6301F-DC	4 × 100/40GE QSFP28 slots, 24 × 25/10GE SFP+ slots, 2 × 1GE RJ45 management ports, 2× 10GE SFP+ HA ports, 1× 10GE SFP+ MGMT port, 2 × 1TB NVMe, and 2 × DC power supplies.
FortiGate 6500F	FG-6500F	4× 40/100 GE QSFP28 slots, 24× 1/10/25 GE SFP28 slots, 2× 1 GE RJ45 management ports, 2× 10 GE SFP+ HA ports, 1× 1/10 GE SFP+ management port, and 3x AC power supplies.
FortiGate 6500F-DC	FG-6500F-DC	4 × 100/40GE QSFP28 slots, 24 × 25/10GE SFP+ slots, 2 × 1GE RJ45 management ports, 2× 10GE SFP+ HA ports, 1× 10GE SFP+ MGMT port and 2 x DC power supplies.
FortiGate 6501F	FG-6501F	4× 40/100 GE QSFP28 slots, 24× 1/10/25 GE SFP28 slots, 2× 1 GE RJ45 management ports, 2× 10 GE SFP+ HA ports, 1× 1/10 GE SFP+ management port, 2× 1 TB NVMe, and 3x AC power supplies.
FortiGate 6501F-DC	FG-6501F-DC	4 × 100/40GE QSFP28 slots, 24 × 25/10GE SFP+ slots, 2 × 1GE RJ45 management ports, 2× 10GE SFP+ HA ports, 1× 10GE SFP+ MGMT port, 2 × 1TB NVMe, and 2 × 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 1 and the maximal order is 7 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.

Ordering Information

Despin SPR JL45 Transceiver Module PN-TRAN-SX IGE SFP X1 transceiver module for all systems with SFP and SFP/SFP stots. GE SFP X1 Transceiver Module PN-TRAN-SX IGE SFP X1 transceiver module for all systems with SFP and SFP/SFP stots. OGE SFP X1 Transceiver Module, Iong range PN-TRAN-SFP-GQ IGE SFP X1 transceiver module, fort ange for all systems with SFP and SFP/SFP stots. OGE SFP Transceiver Module, Iong range PN-TRAN-SFP-SR IGE SFP transceiver module, fort range for all systems with SFP and SFP/SFP stots. OGE SFP Transceiver Module, Iong range PN-TRAN-SFP-ER IGE SFP transceiver module, fort range forge BID for systems with SFP and SFP/SFP stots. OGE SFP Transceiver Module, Jong range PN-TRAN-SFP-ERD IGE SFP transceiver module, dong range single BID for systems with SFP and SFP/SFP stots. OGE SFP Transceiver Module, Jong range PN-TRAN-SFP-ERD2 IGE SFP transceiver module, dong range single BID for systems with SFP and SFP/SFP stots. OGE SFP Transceiver Module, Jong range PN-TRAN-SFP-ED23 IGE SFP transceiver module, dong range single BID for systems with SFP and SFP/SFP stots. OGE SFP Transceiver Module, Jong range PN-TRAN-SFP-ED23 IGE SFP transceiver module, dong range single BID for systems with SFP and SFP/SFP stots. OGE SFP Transceiver Module, Jong range PN-TRAN-SFP-ED23 IGE SFP Transceiver module, JON Iong range sing	Product	SKU	Description
DE SPP SX Transceiver Module FN-TRAN-SX IGE SPF LX transceiver module for all systems with SFP and SFP/SFP+ slots. DEG Coper SFP+ RLAS Transceiver (30m) FN-TRAN-SFP+GC 100E coper SFP+ RLAS Fortunet Transceiver (30m SFP and SFP/SFP+ slots. DGE SFP- Transceiver Module, long range FN-TRAN-SFP+SR 100E SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots. DGE SFP- Transceiver Module, connector FN-TRAN-SFP+SR 100E SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots. DGE SFP-Transceiver Module, connector FN-TRAN-SFP+SR 100E SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots. DGE SFP-Transceiver Module, connector FN-TRAN-SFP+ER 100E SFP+ transceiver module, slotm long range single BID for systems with SFP+ and SFP/SFP+ slots. DGE SFP-Transceiver Module, slotm long range single BID for systems with SFP+ and SFP/SFP+ slots. 100E SFP+ transceiver module, 30kM long range single BID for systems with SFP+ and SFP/SFP+ slots. DGE SFP-Transceiver Module, slotm long range single BID for systems with SFP+ and SFP/SFP+ slots. 100E SFP+ transceiver module, 30kM long range single BID for systems with SFP+ and SFP/SFP+ slots. DGE SFP-Transceiver Module, slotm range FN-TRAN-SFP-B203 100E SFP+ transceiver module, 30kM long range single BID for systems with SFP+ and SFP/SFP+ slots. DGE SFP2 Transceiver Module, slotm range F	Optional Accessories/Spares		
CE SPP LX Transceiver Module PN-TRAH-LX IGE SPP LX transceiver module for all systems with SFP and SFP/SFP+ slots. OGE Oper SFP+ RAST Transceiver Module, short range inger FN-TRAH-SFP-GC 1005 Corper SFP+ RAST Forms with SFP and SFP/SFP+ slots. OGE SFP Transceiver Module, hong range SGE SFP Transceiver Module, and range SGE SFP-Transceiver Module, 30km Long Transceiver Module, 30km Long SGE SFP-Transceiver Module, 10km SFP-BED27 TUDE SFP+Transceiver Module, 30km Long SGE SFP-SE SGE SFP-Transceiver Module, 10km SFP-BED27 TUDE SFP+Transceiver Module, 30km Long SGE SFP-SE SGE SFP-SE SGE SFP-SE SGE SFP-SE SGE SFP-SE SGE SFP-SE SGE SFP-SE STRASCEIVER Module, short range SGE SFP-Transceiver Module, short range SGE SFP-Transceiver Module, short range SGE SFP-Transceiver Module, short range SGE SFP-SE STRASCEIVER MODULE, SGE SGE SGE SGE SFP-SE SGE SFP28 Transceiver Module, SGE	1GE SFP RJ45 Transceiver Module	FN-TRAN-GC	1GE SFP RJ45 transceiver module for all systems with SFP and SFP/SFP+ slots.
DoBE Sepus SPP+ RJ45 Transceiver (30m PN-TRAN-SFP-GC 100E copper SFP+ RJ45 Fortinet Transceiver (30m range) for systems with SFP+ and SFP/SFP+ slots. OOE SFP+ Transceiver Module, short range FN-TRAN-SFP-LR 100E SFP+ transceiver module, long range in all systems with SFP+ and SFP/SFP+ slots. OOB SG SFP+ Transceiver Module, SOm Long FN-TRAN-SFP-LR 100E SFP+ transceiver module, Som far all systems with SFP+ and SFP/SFP+ slots. OOB SG SFP- Transceiver Module, Connects to ange FN-TRAN-SFP-BD2 100E SFP+ transceiver module, Som long range single BIDI for systems with SFP+ and SFP/SFP+ slots. Connects to FN-TRAN-SFP-BD32 100E SFP+ transceiver module, Som long range single BIDI for systems with SFP+ and SFP/SFP+ slots. Connects to FN-TRAN-SFP-BD32 100E SFP+ transceiver module, Som long range single BIDI for systems with SFP+ and SFP/SFP+ slots. Connects to FN-TRAN-SFP-BD32 100E SFP+ transceiver module, Som long range single BIDI for systems with SFP+ and SFP/SFP+ slots. Connects to FN-TRAN-SFP-BD32 100E SFP+ transceiver module, Som range single BIDI for systems with SFP+ and SFP/SFP+ slots. Connects to FN-TRAN-SFP-BD33 100E SFP+ transceiver module, SOM mange single BIDI for systems with SFP+ and SFP/SFP+ slots. Connects to FN-TRAN-SFP-BD33 100E SFP+ transceiver module, Som range single BIDI for systems with SFP+ and SFP/SFP+ slots. Connects to FN-TRAN-SFP+BD33 100E SFP+ transceiver module, Som	1GE SFP SX Transceiver Module	FN-TRAN-SX	1GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots.
ange The Transceiver Module, short range FN-TRAN-SFP-SR 100E SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots. 005E SFP+ Transceiver Module, 30km Long FN-TRAN-SFP+ER 1005E SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots. 005E SFP+ Transceiver Module, 30km Long FN-TRAN-SFP+B27 1005E SFP+ transceiver module, 30km long range single BIDI for systems with SFP+ and SFP/SFP+ slots. 005E SFP+ Transceiver Module, 20 km long FN-TRAN-SFP+B23 100E SFP+ transceiver module, 30km long range single BIDI for systems with SFP+ and SFP/SFP+ slots. 005E SFP+ Transceiver Module, 20 km long FN-TRAN-SFP+B23 100E SFP+ transceiver module, 30km long range single BID for systems with SFP+ and SFP/SFP+ slots. 005E SFP+ Transceiver Module, 30 km long FN-TRAN-SFP+B23 100E SFP+ transceiver Module, 30km long range single BID for systems with SFP+ and SFP/SFP+ slots. 005E SFP+ Transceiver Module, 30 km long FN-TRAN-SFP+B23 100E SFP+ transceiver Module, slott range for all systems with SFP2 slots. 005E SFP+ Transceiver Module, and range FN-TRAN-SFP+B23 200E SFP2 Stransceiver Module, short range FN-TRAN-SFP4B23 005E SFP+ Transceiver Module, and range FN-TRAN-SFP4B28 200E SFP2 Stransceiver Module, short range FN-TRAN-SFP4B28 005E SFP2 Transceiver Module, nog range FN-TRAN-SF	1GE SFP LX Transceiver Module	FN-TRAN-LX	1GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots.
OGE SFP+ Transceiver Module, long range FN-TRAN-SFP+LR 100E SFP+ transceivers for FortBalk and SFP/SFP+ and SFP/SFP+ slots. OGbase-ER SFP+ Transceivers FN-TRAN-SFP+ER 100Ease-ER SFP+ transceivers for FortBalk ch and FortBalk, 15SOnm. Single Mode. 40km range for systems with SFP-slots. OGE SFP+ Transceiver Module, 30km Long FN-TRAN-SFP+BD27 100E SFP+ transceiver Module, 30km long range single BDI for systems with SFP+ and SFP/SFP+ slots. OGE SFP+ Transceiver Module, Connects to FN-TRAN-SFP+BD27 100E SFP+ transceiver deparately). OGE SFP+ Transceiver Module, 30 km long ange FN-TRAN-SFP+BD23 100E SFP+ transceiver deparately). OGE SFP+ Transceiver Module, 30 km long ange FN-TRAN-SFP+BD23 100E SFP+ transceiver deparately). OGE SFP+ Transceiver Module, 30 km long ange FN-TRAN-SFP+BD33 100E SFP+ transceiver apple BDI for systems with SFP+ and SFP/SFP+ slots. Score SFP2 Transceiver Module, long range FN-TRAN-SFP4-SFP-SFP 250E SFP28 transceiver module, long range ingle BDI for systems with SFP28 slots. SGGE SFP2 Transceiver Module, long range FN-TRAN-SFP4-SFP 250E SFP28 transceiver module, long range ingle spatial systems with SFP28 slots. SGGE SFP2 Transceiver Module, long range FN-TRAN-SFP4-RF 400E GSFP+ transceiver module, long range ingle systems with GSFP28 slots. SGGE SFP28 Transceiver Module, long range<	10GE Copper SFP+ RJ45 Transceiver (30m range)	FN-TRAN-SFP+GC	10GE copper SFP+ RJ45 Fortinet Transceiver (30m range) for systems with SFP+ slots.
OBbase-ER SFP+ Transceiver FN-TRAN-SFP-ER 10Gbase-ER SFP+ transceivers for FortiSvitch and FortiGate, 1550nm. Single Mode. 40km range for systems with SFP+ Sints. OGE SFP+ Transceiver Module, 30km Long ange FN-TRAN-SFP+BD27 100CF SFP+ transceiver module, 30km long range single BiD for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately). OGE SFP+ Transceiver Module, 30km long ange FN-TRAN-SFP+BD27 100CF SFP+ transceiver module, 30km long are single BiD for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately). OGE SFP+ Transceiver Module, 30km long ange FN-TRAN-SFP+BD27 100CF SFP+ transceiver module, 30km long are single BiD for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately). OGE SFP+ Transceiver Module, 30km long ange FN-TRAN-SFP+BD27 100CF SFP+ transceiver module, 30km long range single BiD for systems with SFP+ and SFP/SFP+ slots. (connects to FN-TRAN-SFP+BD27, ordered separately). ISGE SFP28 Transceiver Module, short range FN-TRAN-SFP28-LR 250E/F08E transceiver module, short range for all systems with SFP28 slots. IOGE GSFP1 Transceiver Module, long range FN-TRAN-OSFP28-LR 250E SFP28 transceivers, short range for all systems with OSFP28 slots. IOGE GSFP28 Transceiver Module FN-TRAN-OSFP28-RR 100 GE GSFP28 transceivers, d-channel parallel fiber, short range for all systems with OSFP28 slots. IOGE GSFP28 BID Transceiver Module FN-TRAN-OSFP28-RR </th <th>10GE SFP+ Transceiver Module, short range</th> <th>FN-TRAN-SFP+SR</th> <th>10GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots.</th>	10GE SFP+ Transceiver Module, short range	FN-TRAN-SFP+SR	10GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots.
Systems with SEP+ Stots. And Antional Stock OGE SFP+ Transceiver Module, 30km Long FN-TRAN-SFP+BD27 100G SFP+ transceiver module, 30km long range single BiDi for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately). OGE SFP+ Transceiver Module, Connects to SFP+ Transceiver Module, 30 km long FN-TRAN-SFP+BD27 100E SFP+ transceiver module, 30kM long range single BiDi for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately). OGE SFP+ Transceiver Module, 30 km long FN-TRAN-SFP+BD27 100E SFP+ transceiver module, 30kM long range single BiDi for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD27) DGE SFP+ Transceiver Module, Sort mange FN-TRAN-SFP2B-SR 250E/100E Dual Rate SFP28 transceiver module, 30kM long range single BiDi for systems with SFP+ and SFP/SFP+ slots. DGE SFP+ Transceiver Module, long range FN-TRAN-SFP2B-SR 250E/100E Dual Rate SFP28 transceiver module, long range for all systems with SFP4 slots. DGE SFP+ Transceiver Module, long range FN-TRAN-SFP2B-SR 400E OSFP4 transceiver module, 100F range for all systems with QSFP2 Slots. DGE GSFP28 Transceiver Module, long range FN-TRAN-SFP4-SR 400E QSFP2 transceiver module, 100F range for all systems with QSFP2 Slots. DGE GSFP28 Transceiver Module, Iong range FN-TRAN-QSFP28-SR 100 GE QSFP2 transceiver module, 100F range for all systems with QSFP28 Slots. D	10GE SFP+ Transceiver Module, long range	FN-TRAN-SFP+LR	10GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots.
tange connects to FN-TRAN-SFP-8033, ordered separately). OCE SFP+ Transceiver Module, Connects to FN-TRAN-SFP+8D27, ordered separately). 100E SFP+ transceiver module, 30KM long range single BID for systems with SFP+ and SFP/SFP+ slots. OCE SFP+ Transceiver Module, 30 km long FN-TRAN-SFP+BD27 100E SFP+ transceiver module, 30KM long range single BID for systems with SFP+ and SFP/SFP+ slots. OCE SFP+ Transceiver Module, 30 km long FN-TRAN-SFP+BD33 10GE SFP+ transceiver module, 30KM long range single BID for systems with SFP+ and SFP/SFP+ slots. SEGE SFP28 Transceiver Module, short range FN-TRAN-SFP+BD3 25EC/00E Dual Rate SFP28 transceiver module, short range for all systems with SFP28 slots. SIGE SFP28 Transceiver Module, long range FN-TRAN-SFP28-SR 25EC/00E Dual Rate SFP28 transceiver module, long range for all systems with SFP28 slots. SIGE SFP28 Transceiver Module, long range FN-TRAN-SFP28-SR 200E GSFP24 transceivers module, long range for all systems with QSFP2 slots. SIGE SFP28 Transceiver Module, long range FN-TRAN-SFP28-SR 1000E GSFP24 transceivers, dc hannel parallel fiber, long range for all systems with QSFP28 slots. SIGE SFP28 Transceiver Module, long range FN-TRAN-SFP28-SR 1000E GSFP24 transceivers, dc hannel parallel fiber, long range for all systems with QSFP28 slots. SIGE SFP28 Transceiver Module FN-TRAN-SFP28-SR 1000E GSFP24 transceivers, dc hannel parallel	10Gbase-ER SFP+ Transceivers	FN-TRAN-SFP+ER	
NnTRAM-SFP+BD27, ordered separately) (connects to FN-TRAM-SFP+BD27, ordered separately). OdE SFP+ Transeeiver Module, 30 km long anger FN-TRAN-SFP+BD33, ordered separately). 100E SFP+ transceiver module, 30KM long range single BiDI for systems with SFP+ and SFP/SFP+ slots. OdE SFP+ Transeeiver Module, 30 km long anger FN-TRAN-SFP+BD33, ordered separately). 100E SFP+ transceiver module, 30KM long range single BiDI for systems with SFP+ and SFP/SFP+ slots. StoE SFP28 Transeeiver Module, short range FN-TRAN-SFP+BD32, Ordered separately). 250E SFP28 transceiver module, long range for all systems with SFP28 slots. StoE SFP28 Transeeiver Module, short range FN-TRAN-SSFP4B-2 250E SFP28 transceiver module, long range for all systems with OSFP-28 slots. DOGE GSFP28 Transeeiver Module, short range FN-TRAN-OSFP4B-2S 400E OSFP2 transceivers, 4 channel parallel fiber, long range for all systems with OSFP28 Slots. DOGE GSFP28 Transeeiver Module, form FN-TRAN-OSFP28-SR 100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 Slots. DOGE GSFP28 Transeeiver Module FN-TRAN-OSFP28-SUDM 100 GE QSFP28 transceiver module, 100m MMF LC connector, for systems with QSFP28 Slots. DO GE QSFP28 BIDI Transeeiver Module FN-TRAN-QSFP28-BID 100 GE QSFP28 BIDI Transeeiver module, 100m MMF LC connector, for systems with QSFP28 slots. DO GE QSFP28 BIDI Transeeiver Module <td< th=""><th>10GE SFP+ Transceiver Module, 30km Long Range</th><th>FN-TRAN-SFP+BD27</th><th></th></td<>	10GE SFP+ Transceiver Module, 30km Long Range	FN-TRAN-SFP+BD27	
ange (connects to FN-TRAN-SFP+BD33, ordered separately). ODE SFP+ Transceiver Module, 30 km long ange FN-TRAN-SFP+BD33 100E SFP+ transceiver module, 30KM long range single BID for systems with SFP4 and SFP/SFP+ slots. ESE SFP28 Transceiver Module, short range FN-TRAN-SFP4B2.7 256E SFP28 transceiver module, long range FN-TRAN-SFP28-SR ESE SFP28 Transceiver Module, short range FN-TRAN-OSFP4SR 400E QSFP4 transceiver module, long range for all systems with SFP28 slots. IODE QSFP4 Transceiver Module, long range FN-TRAN-QSFP4SR 400E QSFP4 transceivers, sont range for all systems with QSFP4 slots. IODE QSFP28 Transceiver Module, long range FN-TRAN-QSFP28-SR 1000E QSFP28 transceivers, a channel parallel fiber, long range for all systems with QSFP28 slots. IODE QSFP28 Transceiver Module FN-TRAN-QSFP28-SR 1000 EQSFP28 transceivers, a channel parallel fiber, long range for all systems with QSFP28 slots. IODE QSFP28 BIDI Transceiver Module FN-TRAN-QSFP28-SP28 1000 EQSFP28 transceivers, a channel parallel fiber, long range for all systems with QSFP28 slots. IODE QSFP28 BIDI Transceiver Module FN-TRAN-QSFP28-SP28 1000 GE QSFP28 transceiver module, 100m MMF LC connector, for systems with QSFP28 slots. IODE QSFP28 BIDI Transceiver Module FN-CABLE-SFP28-1 25 GE SFP28 passive direct attach cable fm for systems with SFP28 slots.	10GE SFP+ Transceiver Module, (connects to FN-TRAN-SFP+BD27, ordered separately)	FN-TRAN-SFP+BD33	
ange(connects to FN-TRAN-SFP+BD27, ordered separately).256E SFP28 transceiver Module, short rangeFN-TRAN-SFP28-SR256E/10GE Dual Rate SFP28 transceiver module, long range for all systems with SFP28 slots.100EG QSFP+ Transceiver Module, long rangeFN-TRAN-QSFP+SR40EE QSFP+ transceiver module, long range for all systems with QSFP+ Slots.100EG QSFP+ Transceiver Module, longFN-TRAN-QSFP+IR40EE QSFP+ transceivers, short range for all systems with QSFP+ Slots.00GE QSFP28 Transceiver ModuleFN-TRAN-QSFP4.R40EE QSFP+ transceivers, 4 channel parallel fiber, short range for all systems with QSFP28 Slots.00GE QSFP28 Transceiver ModuleFN-TRAN-QSFP28-CMDM4100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 Slots.00 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 transceivers, 2KM for all systems with QSFP28 Slots.00 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, 100m MMF LC connector, for systems with QSFP28 slots.00 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, 100m MMF LC connector, for systems with QSFP28 slots.00 GE QSFP28 BIDI Transceiver ModuleFN-CABLE-SFP28-10100 GE QSFP28 passive direct attach cable Im for systems with SFP28 slots.55 GE SFP28 passive direct attach CableFN-CABLE-SFP28-1225 GE SFP28 passive direct attach cable Im for systems with SFP28 slots.00 GE QSFP28 basive direct attach CableFN-CABLE-SFP28-1225 GE SFP28 passive direct attach cable, Im.55 GE SFP28 passive direct attach cableFN-CABLE-SFP28-SFP28-1225 GE SFP2	10GE SFP+ Transceiver Module, 30 km long range	FN-TRAN-SFP+BD27	
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DOGE QSFP+ Transceiver Module, long rangeFN-TRAN-QSFP+LR40GE QSFP4 transceivers, long range for all systems with QSFP+ Slots.00GE QSFP28 Transceiver ModuleFN-TRAN-QSFP28-SR100GE QSFP28 transceivers, 4 channel parallel fiber, short range for all systems with QSFP28 Slots.00 GE QSFP28 Transceiver ModuleFN-TRAN-QSFP28-LR100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 Slots.00 GE QSFP28 Transceiver ModuleFN-TRAN-QSFP28-CWDM4100 GE QSFP28 transceivers, 2 channel parallel fiber, long range for all systems with QSFP28 Slots.00 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-CWDM4100 GE QSFP28 transceivers, 2 channel parallel fiber, long range for all systems with QSFP28 Slots.00 GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 transceiver module, 100m MMF LC connector, for systems with QSFP28 slots.00 GE QSFP28 basive direct attach CableFN-CABLE-SFP28-325 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-525 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 1m.33sive direct attach cableFN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP2	25GE SFP28 Transceiver Module, long range	FN-TRAN-SFP28-LR	25GE SFP28 transceiver module, long range for all systems with SFP28 slots.
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OO GE QSFP28 BIDI Transceiver ModuleFN-TRAN-QSFP28-BIDI100 GE QSFP28 BIDI transceiver module, 100m MMF LC connector, for systems with QSFP28 slots.25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-125 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-325 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-525 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-1100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 1m.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-1100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-1100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m.	100 GE QSFP28 Transceiver Module	FN-TRAN-QSFP28-CWDM4	100 GE QSFP28 transceivers, LC connectors, 2KM for all systems with QSFP28 Slots.
25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-125 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-325 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-525 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.00 GE QSFP28 breakout to 4 × 25 GE SFP28FN-CABLE-QSFP28-4SFP28-1100 GE QSFP28 breakout to 4 × 25 GE SFP28 passive direct attach cable, 1m.00 GE QSFP28 breakout to 4 × 25 GE SFP28FN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4 × 25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4 × 25 GE SFP28FN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4 × 25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4 × 25 GE SFP28FN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4 × 25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4 × 25 GE SFP28SP-FG4K6K-FANSpare Hotswappable Fan Module for FG-420xF/440xF/6000F.00 GE QSOW Power SupplyFG-7040E-PS-AC1500W 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.00 GE QSOW Power SupplySP-FG400F-PS2000W AC power supply for 4000F and 6000F series, does not include SP-FGPCORC15-XX power cord.00 CP Ower SupplySP-FG400F-DC-PSDC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.	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.
25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-325 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-525 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.00 GE QSFP28 breakout to 4×25 GE SFP28FN-CABLE-QSFP28-4SFP28-1100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 1m.00 GE QSFP28 breakout to 4×25 GE SFP28FN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4×25 GE SFP28FN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4×25 GE SFP28FN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4×25 GE SFP28FN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4×25 GE SFP28SP-FG4K6K-FANSpare Hotswappable Fan Module for FG-420xF/440xF/6000F.Ca 1500W Power SupplyFG-7040E-PS-AC1500W 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 SupplySP-FG4000F-PS2000W AC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.AC 2000W Power SupplySP-FG4000F-DC-PSDC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.	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.
25 GE SFP28 passive direct attach CableFN-CABLE-SFP28-525 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.00 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cableFN-CABLE-QSFP28-4SFP28-1100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 1m.00 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cableFN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cableFN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cableFN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 3m.00 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cableFN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cableFN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cableFN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cable, 5m.00 GE QSFP28 breakout to 4×25 GE SFP28 passive direct attach cableSP-FG4K6K-FANSpare Hotswappable Fan Module for FG-420XF/440XF/6000F.Ca 1500W Power SupplyFG-7040E-PS-AC1500W 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 SupplySP-FG4000F-PS2	25 GE SFP28 passive direct attach Cable	FN-CABLE-SFP28-1	25 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.
OD GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-1100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 1m.OD GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m.OD GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-3100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m.OD GE QSFP28 breakout to 4× 25 GE SFP28FN-CABLE-QSFP28-4SFP28-5100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m.OD GE QSFP28 breakout to 4× 25 GE SFP28SP-FG4K6K-FANSpare Hotswappable Fan Module for FG-420XF/440XF/6000F.AC 1500W Power SupplyFG-7040E-PS-AC1500W 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 SupplySP-FG4000F-PS2000W AC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.AC 2000W Power SupplySP-FG4000F-DC-PSDC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.	25 GE SFP28 passive direct attach Cable	FN-CABLE-SFP28-3	25 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.
Desire direct attach cable FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m. 00 GE QSFP28 breakout to 4× 25 GE SFP28 FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m. 00 GE QSFP28 breakout to 4× 25 GE SFP28 FN-CABLE-QSFP28-4SFP28-3 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m. 00 GE QSFP28 breakout to 4× 25 GE SFP28 SP-FG4K6K-FAN Spare Hotswappable Fan Module for FG-420xF/440xF/6000F. Ca 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. Ca 2000W Power Supply SP-FG400F-PS 2000W AC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC. Ca 2000W Power Supply SP-FG400F-DC-PS DC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.	25 GE SFP28 passive direct attach Cable	FN-CABLE-SFP28-5	25 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.
Does Processing direct attach cable 00 GE QSFP28 breakout to 4× 25 GE SFP28 bassive direct attach cable FN-CABLE-QSFP28-4SFP28-5 100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m. can Tray SP-FG4K6K-FAN Spare Hotswappable Fan Module for FG-420xF/440xF/6000F. AC 1500W Power Supply FG-704E-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. AC 2000W Power Supply SP-FG4000F-DC-PS DC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.	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.
Sparsive direct attach cable SP-FG4K6K-FAN Spare Hotswappable 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. AC 2000W Power Supply SP-FG4000F-DC-PS DC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.	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.
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. C Power Supply SP-FG4000F-PS DC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.	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.
AC 2000W Power Supply SP-FG4000F-PS 2000W AC power supply for 4000F and 6000F series, does not include SP-FGPCORC15-XX power cord. AC 2000W Power Supply SP-FG4000F-DC-PS 2000W AC power supply for FG-4200F-DC/4201F-DC, FG-4400F-DC/4401F-DC and FG-6000F-DC.	Fan Tray	SP-FG4K6K-FAN	Spare Hotswappable Fan Module for FG-420xF/440xF/6000F.
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.	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.
Power Cord SP-FGPCORC15-XX 6 ft power cord, 15A125V XXX, PSE BLACK ROHS-6, for FG-3900E, 4000F, 6000F and 7000E/F Series.	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 and 7000E/F Series.

Subscriptions

			Bundles				
Service Category	Service Offering	A-la-carte	Enterprise Protection	Unified Threat Protection	Advanced Threat Protection		
FortiGuard Security	IPS Service		•		•		
Services	Anti-Malware Protection (AMP) — Antivirus, Mobile Malware, Botnet, CDR, Virus Outbreak Protection and FortiSandbox Cloud Service	•	•	•	•		
	URL, DNS & Video Filtering Service	•	•	•			
	Anti-Spam		•	•			
	Al-based Inline Malware Prevention Service	•	•				
	Data Loss Prevention Service ¹	٠	•				
	OT Security Service (OT Detection, OT Vulnerability correlation, Virtual Patching, OT Signature / Protocol Decoders) ¹	•					
	Application Control		included with FortiCare Subscription				
	CASB SaaS Control		included with FortiCare Subscription				
SD-WAN and SASE Services	SD-WAN Underlay Bandwidth and Quality Monitoring Service	•					
	SD-WAN Overlay-as-a-Service for SaaS-based overlay network provisioning	•					
	SD-WAN Connector for FortiSASE Secure Private Access	•					
	FortiSASE subscription including cloud management and 10Mbps bandwidth license ²	•					
NOC and SOC Services	FortiGuard Attack Surface Security Service (IoT Detection, IoT Vulnerability Correlation, and Security Rating Updates) ¹	•	•				
	FortiConverter Service	•	•				
	Managed FortiGate Service	•					
	FortiGate Cloud (SMB Logging + Cloud Management)	•					
	FortiAnalyzer Cloud	•					
	FortiAnalyzer Cloud with SOCaaS	•					
	FortiGuard SOCaaS	•					
Hardware and	FortiCare Essentials	•					
Software Support	FortiCare Premium	•	•	•	•		
	FortiCare Elite	•					
Base Services	Internet Service (SaaS) DB Updates						
	GeoIP DB Updates		included with FortiCare Subscription				
	Device/OS Detection Signatures						
	Trusted Certificate DB Updates						
	DDNS (v4/v6) Service						

1. Full features available when running FortiOS 7.4.1 2. Desktop Models only



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 Elite

FortiCare Elite offers enhanced SLAs and quick issue resolution through a dedicated support team. It provides single-touch ticket handling, extended Extended End-of-Engineering-Support for 18 months, and access to the new FortiCare Elite Portal for a unified view of device and security health.

Fortinet CSR 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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