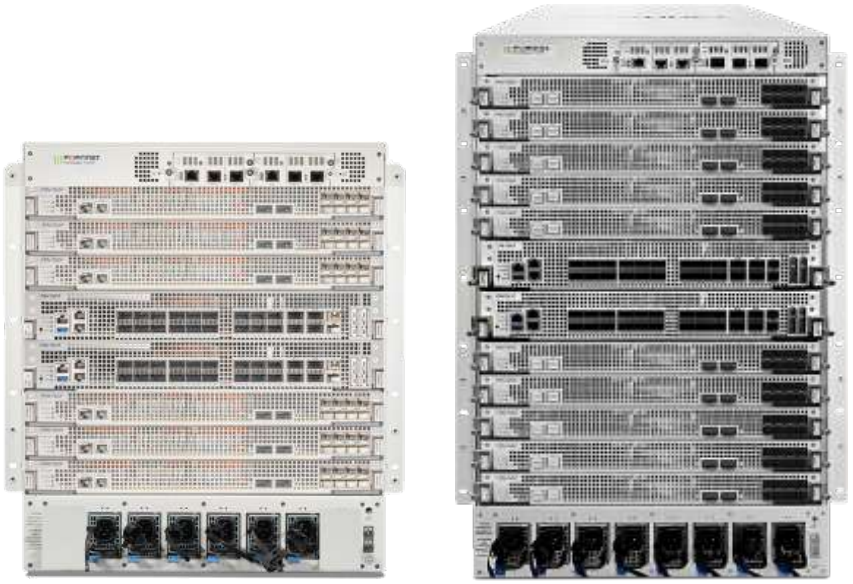
FortiGate 7000F Series

FG-7121F, FG-7081F, FG-7081F-DC, FG-7081F-2, FG-7081F-2-DC,
FIM-7921F, FIM-7941F, and FPM-7620F



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 7000F 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 7000F 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 7000F Series automatically controls, verifies, and facilitates user access to applications delivering consistent convergence with a seamless user experience.

Model	IPS	NGFW	Threat Protection	Interfaces
FG-7081F	405 Gbps	330 Gbps	312 Gbps	25 GE SFP28 / 10 GE SFP+ / GE SFP 100 GE QSFP28 / 40 GE QSFP+ 400 GE QSFP-DD
FG-7121F	675 Gbps	550 Gbps	520 Gbps	

Available in

Appliance

Virtual

Hosted

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 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

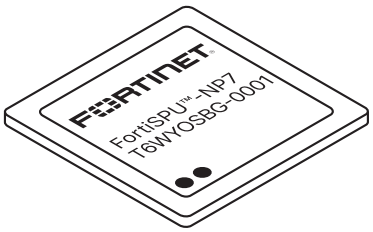
The service provides OT detection, OT vulnerability correlation, virtual patching, OT signatures, and industry-specific protocol decoders for overall robust defense of OT environments and devices.

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.

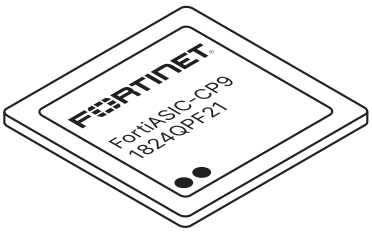
ASIC Advantage



Network Processor 7 NP7

Network Processors operate inline to deliver unmatched performance and scalability for critical network functions. Fortinet's breakthrough SPU NP7 network processor works in line with FortiOS functions to deliver:

- Hyperscale firewall, accelerated session setup, and ultra-low latency
- Industry-leading performance for VPN, VXLAN termination, hardware logging, and elephant flows



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.

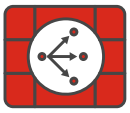
Use Cases

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



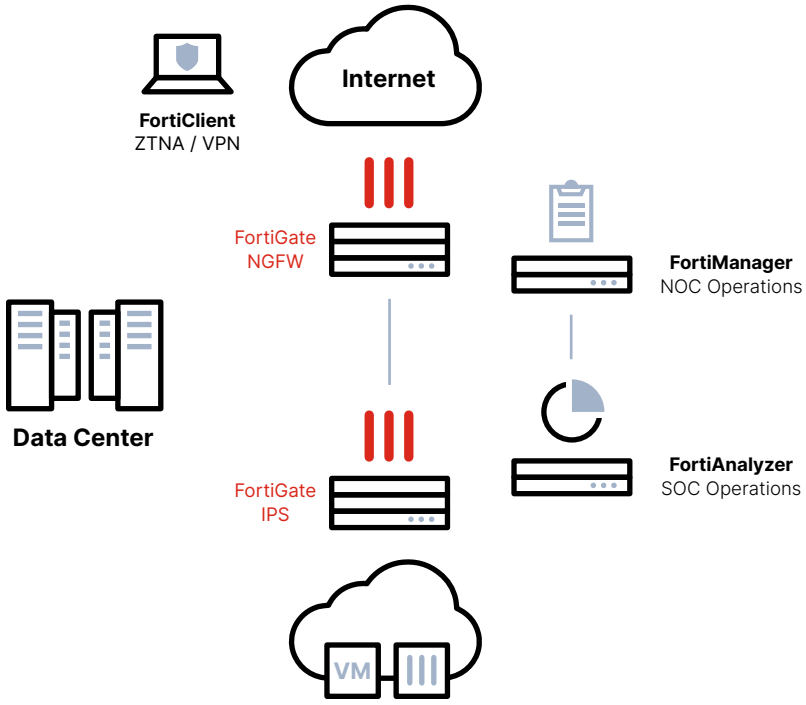
Secure SD-WAN

- 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-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

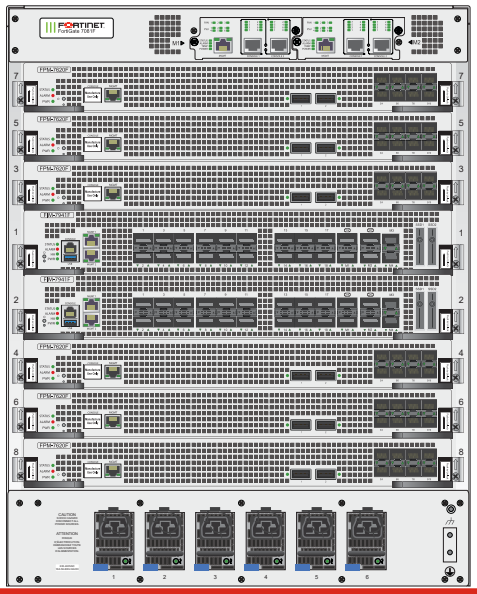
- SPU-accelerated, high performance CGNAT and IPv6 migration options, including: NAT44, NAT444, NAT64/ DNS64, NAT46 for 4G Gi/sGi, and 5G N6 connectivity and security
- RAN Access Security with highly scalable and highest-performing IPsec aggregation and control Security Gateway (SecGW)
- User plane security enabled by full threat protection and visibility into GTP-U inspection

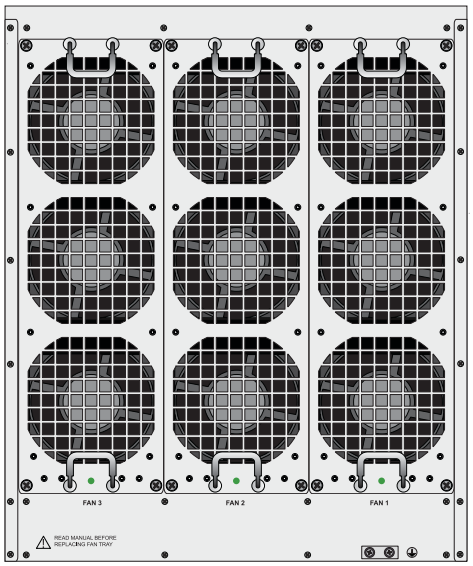
Datacenter Deployment (NGFW, IPS, Segmentation)



Hardware

FortiGate 7081F Series





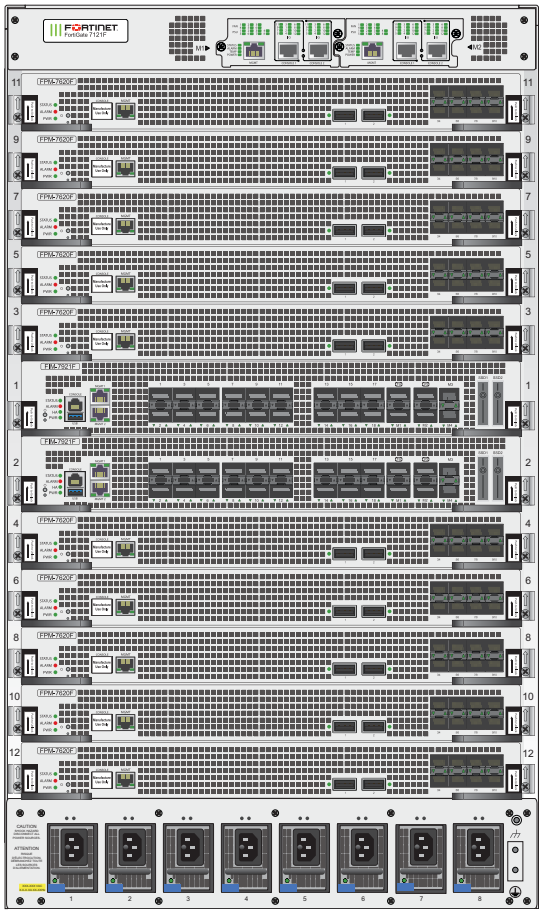
	FG-7081F/ FG-7081F-DC	FG-7081F-2/ FG-7081F-2-DC
Hardware Interfaces		
Hardware Accelerated 400 GE QSFP-DD / 100 GE QSFP28 / 40 GE QSFP+ Slots	16	
Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+ Slots	36	
Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+	48	
Management/HA Slots	4	
Hardware Accelerated 25 GE SFP28 / 10 GE SFP+ Slots	80	
Hardware Accelerated 25 GE SFP28 / 10 GE SFP+ SFP Management/HA Slots	4	
USB Ports	2	
Console Ports	8	
Onboard Storage	4× 4 TB SSD	
Included Transceivers	4× 10 GE SFP+ SR	
System Performance and Capacity*		
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP packets)	1.89 / 1.88 / 1.129 Tbps	
IPv6 Firewall Throughput (1518 / 512 / 86 byte, UDP packets)	1.89 / 1.88 / 1.129 Tbps	
Firewall Latency (64 byte, UDP)	7.5 µs	
Firewall Throughput (Packet per Second)	1680 Mpps	
Concurrent Sessions (TCP)	600 Million	
New Sessions/Sec (TCP)	5.4 Million	
Firewall Policies	200 000	
IPsec VPN Throughput (512 byte) [6]	378 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels	40 000	
Client-to-Gateway IPsec VPN Tunnels	260 000	
SSL-VPN Throughput [7]	13.5 Gbps	
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	30 000	

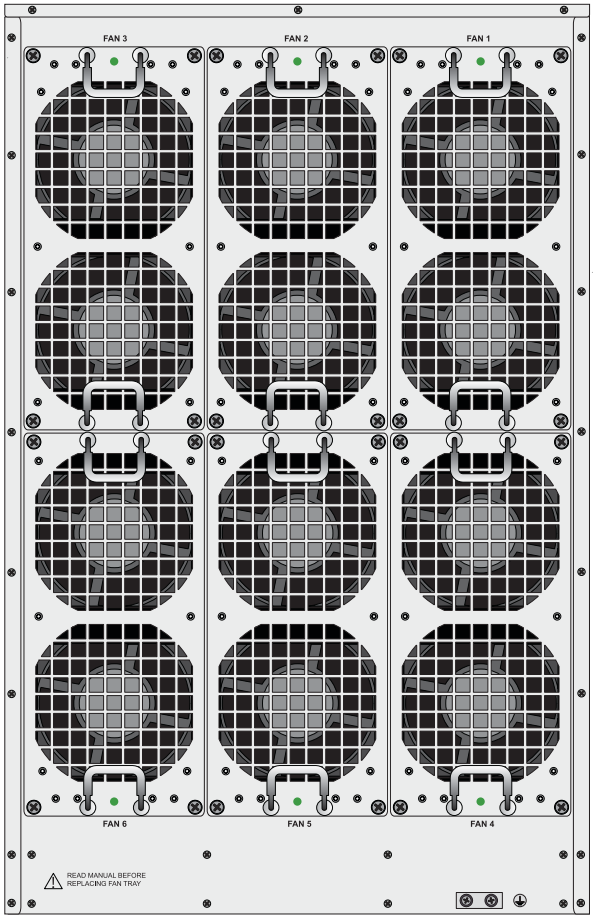
	FG-7081F/ FG-7081F-DC	FG-7081F-2/ FG-7081F-2-DC
IPS Throughput (Enterprise Mix) [1]	405 Gbps	
SSL Inspection Throughput [2]	324 Gbps	
SSL Inspection CPS (IPS, avg. HTTPS) [3]	288 000	
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	60 M	
Application Control Throughput [3]	900 Gbps	
NGFW Throughput [4]	330 Gbps	
Threat Protection Throughput [2,5]	312 Gbps	
CAPWAP Throughput	N/A	
Virtual Domains (Default / Maximum)	10/500	
Maximum Number of FortiTokens	12 000	
Maximum Number of FortiSwitches Supported	300	
Maximum Number of FortiAPs (Total / Tunnel Mode)	N/A	
High Availability Configurations	Active-Active (FGSP), Active-Passive, Clustering	
Dimensions and Power		
Height x Width x Length (inches)	21.41 × 17.33 × 26.6	
Height x Width x Length (mm)	543.9 × 440 × 675.5	
Weight	165.68 kg / 365.26 lbs	
AC Power Supply	200 to 277 VAC (50/60 Hz)	
DC Power Supply	-48V to -60V DC	
Power Consumption (Average / Maximum)	6100 W / 7300 W	6160 W / 7370 W
AC Current (Maximum)	16A x 6	
DC Current (Average/Maximum)	127@48V / 152A@48V	128@48V / 154A@48V
Heat Dissipation (Average)	24 900 BTU/h	25 174 BTU/h
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	
Compliance		
Certifications	TBA	

* Performance specifications for FG-7081F/ 7081F-2 are based on 6 FPM combination.

Hardware

FortiGate 7121F





Trusted Platform Module (TPM)

The FortiGate 7000F Series features a dedicated module that hardens physical networking appliances by generating, storing, and authenticating cryptographic keys. Hardware-based security mechanisms protect against malicious software and phishing attacks.

Specifications

	FG-7121F*	FG-7121F-DC FG-7121F-2-DC
Interfaces and Modules		
Hardware Accelerated 400 GE QSFP-DD / 100 GE QSFP28 / 40 GE QSFP+ Slots	24	
Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+ Slots	36	
Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+ Management/HA Slots	4	
Hardware Accelerated 25 GE SFP28 / 10 GE SFP+ Slots	80	
Hardware Accelerated 25 GE SFP28 / 10 GE SFP+ SFP Management/HA Slots	4	
GE RJ45 Management Ports	4	
USB Ports	2	
Console Ports	14	
Onboard Storage	4× 4 TB SSD	
Included Transceivers	4× 10 GE SFP+ SR	
System Performance - Enterprise Traffic Mix		
IPS Throughput [2]	675 Gbps	
NGFW Throughput [2, 4]	550 Gbps	
Threat Protection Throughput [2, 5]	520 Gbps	
System Performance and Capacity		
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP packets)	1.89 / 1.88 / 1.129 Tbps	
IPv6 Firewall Throughput (1518 / 512 / 86 byte, UDP packets)	1.89 / 1.88 / 1.129 Tbps	
Firewall Latency (64 byte, UDP)	7.50 µs	
Firewall Throughput (Packet per Second)	1680 Mpps	
Concurrent Sessions (TCP)	1 Billion	
New Sessions/Sec (TCP)	9 Million	
Firewall Policies	200 000	
IPsec VPN Throughput (512 byte) [6]	630 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels	40 000	
Client-to-Gateway IPsec VPN Tunnels	260 000	
SSL-VPN Throughput [7]	13.7 Gbps	
Concurrent SSL-VPN Users (Recommended Maximum)	30 000	
IPS Throughput (Enterprise Mix)[1]	675 Gbps	
SSL Inspection Throughput[3]	540 Gbps	

	FG-7121F*	FG-7121F-DC FG-7121F-2-DC
SSL Inspection CPS (IPS, avg. HTTPS) [3]	480 000	
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	100 Million	
Application Control Throughput [3]	1.5 Tbps	
NGFW Throughput [4]	550 Gbps	
Threat Protection Throughput [2,5]	520 Gbps	
CAPWAP Throughput	N.A.	
Virtual Domains (Default / Maximum)	10 / 500	
Maximum Number of FortiTokens	20 000	
Maximum Number of FortiSwitches Supported	300	
Maximum Number of FortiAPs (Total / Tunnel Mode)	N.A.	
High Availability Configurations	Active-Active (FGSP), Active-Passive, Clustering	
Dimensions and Power		
Height x Width x Length (inches)	28.63 × 17.33 × 26.6	
Height x Width x Length (mm)	727.2 × 440 × 675.5	
Weight (maximum)	447.36 lbs (203.1 kg)	
Form Factor (supports EIA/non-EIA standards)	16 RU 10 Slots for FPM and 2 Slots for FIM (default configuration 2xFPM-7620F and 2xFIM-7921F)	
Power Required	200 to 277 VAC (50/60 Hz)	
Power Consumption (Maximum / Average)	9754 W / 8296 W	9754W / 8296W 9820W / 8356W
AC Current (Maximum)	8 × 10A	
DC Current (Average/Maximum)		17A@48V/ 204A@48V 174@48V / 205A@48V
Heat Dissipation (Maximum)	33 261 BTU/h	
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	20% to 90% non-condensing	
Compliance		
Certifications	FCC, ICES, CE, RCM, VCCI, BSMI, UL/cUL, CB	

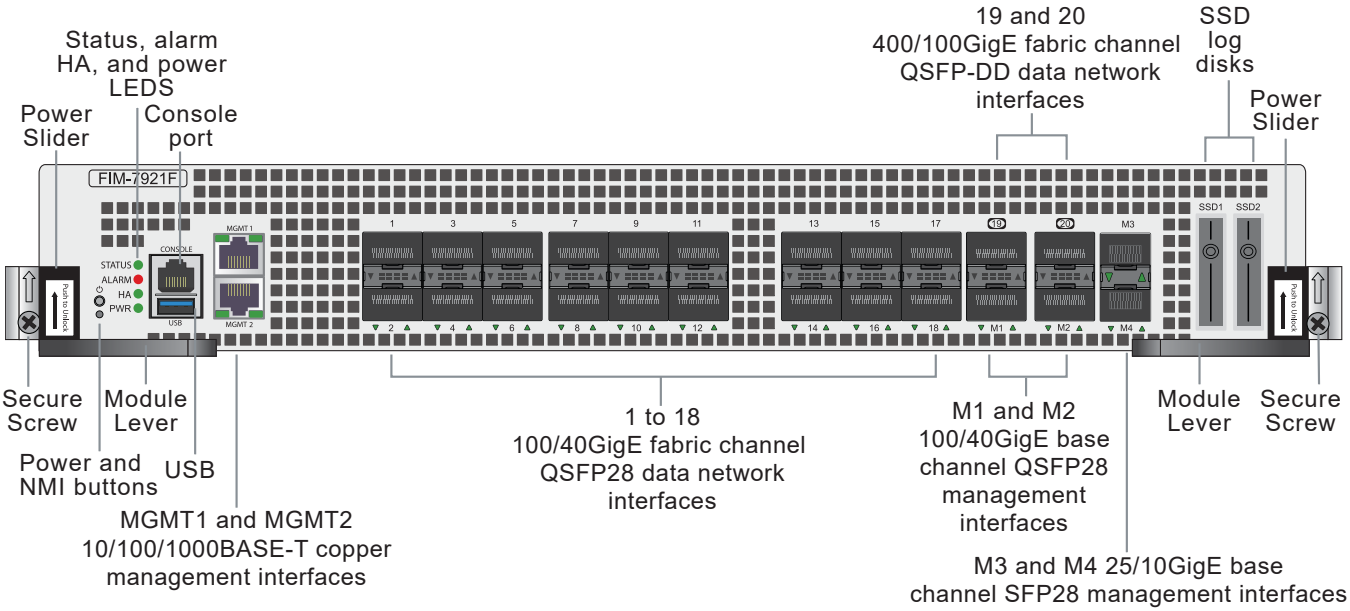
* Performance specifications for FG-7121F are based on 10 FPM combination.

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

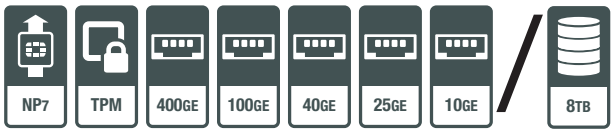
1. IPsec VPN performance test uses AES256-SHA256.
2. IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.
3. SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.
4. NGFW performance is measured with Firewall, IPS and Application Control enabled.
5. Threat Protection performance is measured with Firewall, IPS, Application Control, URL filtering, and Malware Protection with sandboxing enabled.
6. Measured with VPN load balancing.
7. Measured on single FPM only.

Hardware

Fortinet Interface Module FIM-7921F and FIM-7941F



Hardware Features



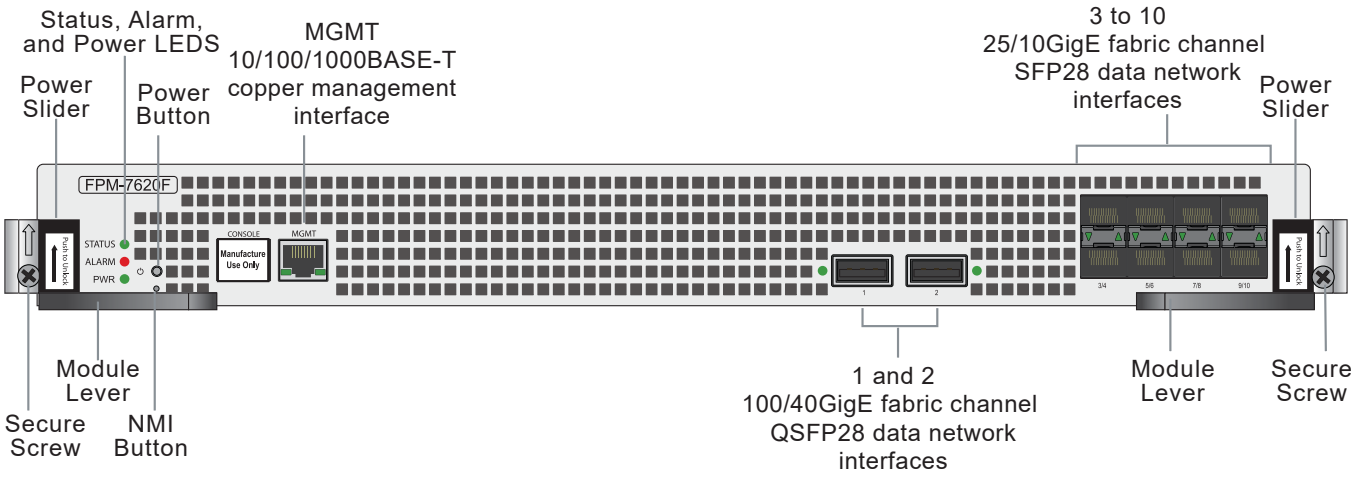
Specifications

	FIM-7921F	FIM-7941F
Hardware Interfaces		
Hardware Accelerated 400 GE QSFP-DD / 100 GE QSFP28 / 40 GE QSFP+ Slots	2[1]	2[1]
Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+ Slots	18[2]	18[3]
Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+ Management/HA Slots	2	2
Hardware Accelerated 25 GE SFP28 / 10 GE SFP+ SFP Management/HA Slots	2	2
GE RJ45 Management Ports	2	2
USB Ports	1	1
Console Ports	1	1
Onboard Storage	2 × 4 TB SSD	2 × 4 TB SSD
Included Transceivers	2 × 10 GE SFP+ SR	2 × 10 GE SFP+ SR
Dimensions and Power		
Height x Width x Length (inches)	2.48 × 17.11 × 18.56	2.48 × 17.11 × 18.56
Height x Width x Length (mm)	63 × 435 × 471.3	63 × 435 × 471.3
Weight	21.48 lbs (9.75 kg)	25.66 lbs (11.65 kg)
Power Consumption (Average / Maximum)	568 W / 597 W	598 W / 630 W
Current (Maximum)	50A	53A
Heat Dissipation (Average)	2036 BTU/h	2149 BTU/h
Operating Temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Storage Temperature	-31°F to 158°F (-35°C to 70°C)	-31°F to 158°F (-35°C to 70°C)
Humidity	10% to 90% non-condensing	5% to 90% non-condensing
Compliance		
Certifications	FCC, ICES, CE, RCM, VCCI, BSMI, UL/cUL, CB	

1. Both ports 19 and 20 can be configured as split ports
2. Ports 1-8 can be configured as split ports
3. Ports 1-18 can be configured as split ports

Hardware

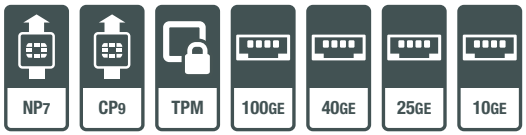
Fortinet Processor Module FPM-7620F



Specifications

	FPM-7620F
Hardware Interfaces	
Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+ Slots	2
Hardware Accelerated 25 GE SFP28 / 10 GE SFP+ Slots	8
GE RJ45 Management Ports	1
Console Ports	1
System Performance and Capacity	
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP packets)	396 / 395 / 263 Gbps
IPv6 Firewall Throughput (1518 / 512 / 86 byte, UDP packets)	396 / 395 / 263 Gbps
Firewall Latency (64 byte, UDP)	7.50 µs
Firewall Throughput (Packet per Second)	39 286 Mpps
Concurrent Sessions (TCP)	100 Million
New Sessions/Sec (TCP)	900K
Firewall Policies	200 000 (system wide)
IPsec VPN Throughput (512 byte) [6]	63 Gbps
Gateway-to-Gateway IPsec VPN Tunnels	4000
Client-to-Gateway IPsec VPN Tunnels	26 000
SSL-VPN Throughput [7]	13.7 Gbps
Concurrent SSL-VPN Users (Recommended Maximum)	30 000
IPS Throughput (Enterprise Mix) [1]	67.5 Gbps
SSL Inspection Throughput [2]	54 Gbps
SSL Inspection CPS (IPS, avg. HTTPS) [3]	48 000
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	10 Million
Application Control Throughput [3]	150 Gbps
NGFW Throughput [4]	55 Gbps

Hardware Features



	FPM-7620F
Threat Protection Throughput [5]	52 Gbps
CAPWAP Throughput	N.A.
Virtual Domains (Default / Maximum)	10 / 500
Maximum Number of FortiTokens	2000
Maximum Number of FortiSwitches Supported	300
Maximum Number of FortiAPs (Total / Tunnel Mode)	N.A.
High Availability Configurations	Active-Passive, Active-Active
Dimensions and Power	
Height x Width x Length (inches)	1.69 × 17.11 × 18.56
Height x Width x Length (mm)	43 × 435 × 471
Weight	16.19 lb. (7.35 kg)
Power Consumption (Average / Maximum)	675 W / 716 W
Current (Maximum)	60A
Heat Dissipation (Average)	2442 BTU/h
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-13°F to 158°F (-25°C to 70°C)
Humidity	20% to 90% non-condensing
Compliance	
Certifications	FCC, ICES, CE, RCM, VCCI, BSMI, UL/cUL, CB

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, URL filtering, and Malware Protection with sandboxing enabled.
6. Measured with VPN load balancing.
7. Measured on single FPM only.

Ordering Information

PRODUCT	SKU	DESCRIPTION
Hardware Model		
FortiGate 7081F	FG-7081F	12U 8-slot chassis starting with 1x FPM-7620F Processor Module, 1x FIM-7921F I/O Module, 2x Management Module and 6x hot swappable redundant PSU (2500WAC).
FortiGate 7081F-DC	FG-7081F-DC	12U 8-slot chassis starting with 1x FPM-7620F Processor Module, 1x FIM-7921F I/O Module, 2x Management Module and 6x hot swappable redundant PSU (2500WDC).
FortiGate 7081F-2	FG-7081F-2	12U 8-slot chassis starting with 1x FPM-7620F Processor Module, 1x FIM-7941F I/O Module, 2x Management Module and 6x hot swappable redundant PSU (2500WAC).
FortiGate 7081F-2-DC	FG-7081F-2-DC	12U 8-slot chassis starting with 1x FPM-7620F Processor Module, 1x FIM-7941F I/O Module, 2x Management Module and 6x hot swappable redundant PSU (2500WDC).
FortiGate 7121F*	FG-7121F	16U 12-slot chassis with 2x FPM-7620F Processor Module, 2x FIM-7921F I/O Module, 2x Management Module and 8x hot swappable redundant PSU.
FortiGate-7121F-2	FG-7121F-2	16U 12-slot chassis with 2x FPM-7620F Processor Module, 2x FIM-7941F I/O Module, 2x Management Module and 8x hot swappable redundant PSU.
FortiGate-7121F-DC	FG-7121F-DC	16U 12-slot chassis with 2x FPM-7620F Processor Module, 2x FIM-7921F I/O Module, 2x Management Module and 8x hot swappable redundant PSU 2KW DC-DC (without DC combiner).
OPTIONAL / SPARE ITEMS	**SKU**	**DESCRIPTION**
Processor Module		
FPM-7620F Module	FPM-7620F	Hot swappable processing module for 7xxxF series - FortiASIC NP7 and CP9 hardware accelerated. 2x QSFP28 and 8x SFP28 ports.
I/O Module		
FIM-7921F Module**	FIM-7921F	Hot swappable I/O module for 7xxxF series - FortiASIC NP7 hardware accelerated. 2x GE RJ45 Management ports, 2x QSFP-DD ports, 20x QSFP28 ports, 2x SFP28 ports. 2× 4TB local log storage.
FIM-7941F Module**	FIM-7941F	Hot swappable I/O module for 7xxxF series - FortiASIC NP7 hardware accelerated. 2x GE RJ45 Management ports, 2x QSFP-DD ports, 20x QSFP28 ports, 2x SFP28 ports. 2× 4TB local log storage.
Accessories		
FortiGate 7121F Fan Module	FG-7121F-FAN	FG-7121F Fan module.
FortiGate 7121F Power Supply	FG-7121F-PS-2KAC	FG-7121F power supply 2KW AC.
FortiGate-7121F-AC-Chassis	FG-7121F-CH	FG-7121F chassis with 2x system management module, 8x PSU and 6x FAN module.
FortiGate-7121F-DC-Chassis	FG-7121F-DC-CH	FG-7121F chassis with 2x system management module, 8x DC PSU and 6x FAN module, 8x DC input cable.
FG-7121F-DC-Combiner	FG-7121F-DC-COMBINER	1U rack mounted chassis containing 8x DC combiner module to support A+B input redundancy for FG-7121F-DC.
FortiGate 7081F Chassis	FG-7081F-CH	FG-7081F chassis with 2x system management module, 6× 2500WAC PSU and 3x FG-7081F FAN module.
Fortigate-7000F 2500W DC Power Supply	FG7K-PS-2K5DC	Fortigate-7000F 2500W DC Power supply.
Fortigate-7000F 2500W AC Power Supply	FG7K-PS-2K5AC	Fortigate-7000F 2500W AC Power supply.
FortiGate 7081F Fan Module	FG-7081F-FAN	FG-7081F fan module.

Ordering Information

PRODUCT	SKU	DESCRIPTION
Transceivers		
1GE SFP RJ45 transceiver module	FN-TRAN-GC	1GE SFP RJ45 transceiver module for all systems with SFP and SFP/SFP+ slots.
1GE SFP SX transceiver module	FN-TRAN-SX	1GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots.
1GE SFP LX transceiver module	FN-TRAN-LX	1GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots.
10GE copper SFP+ RJ45 Transceiver (30m range)	FN-TRAN-SFP+GC	10GE copper SFP+ RJ45 Fortinet Transceiver (30m range) for systems with SFP+ slots.
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.
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.
10Gbase-ER SFP+ transceivers	FN-TRAN-SFP+ER	10Gbase-ER SFP+ transceivers for FortiSwitch and FortiGate, 1550nm. Single Mode. 40km range for systems with SFP+ slots.
25GE SFP28 transceiver module, short range	FN-TRAN-SFP28-SR	25GE/10GE Dual Rate SFP28 transceiver module, short range for all systems with SFP28/SFP+ slots.
25GE SFP28 transceiver module, long range	FN-TRAN-SFP28-LR	25GE SFP28 transceiver module, long range for all systems with SFP28 slots.
40GE QSFP+ transceivers, short range	FN-TRAN-QSFP+SR	40GE QSFP+ transceivers, short range for all systems with QSFP+ slots.
40GE QSFP+ transceivers, long range	FN-TRAN-QSFP+LR	40GE QSFP+ transceivers, long range for all systems with QSFP+ slots.
100GE QSFP28 transceivers	FN-TRAN-QSFP28-SR	100GE QSFP28 transceivers, 4 channel parallel fiber, short range for all systems with QSFP28 slots.
100 GE QSFP28 transceivers, 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 transceivers	FN-TRAN-QSFP28-CWDM4	100 GE QSFP28 transceivers, LC connectors, 2KM for all systems with QSFP28 slots.
400 GE QSFPDD transceiver module, 10km range	FN-TRAN-QSFPDD-LR4	400 GE QSFPDD transceiver module, 10km range, SMF, for systems with QSFP-DD slots
400 GE QSFPDD transceiver module, 2km range	FN-TRAN-QSFPDD-FR4	400 GE QSFPDD transceiver module, 2km range, SMF, for systems with QSFP-DD slots
400 GE QSFPDD transceiver module, 4 channel parallel fiber	FN-TRAN-QSFPDD-DR4	400 GE QSFPDD transceiver module, 4 channel parallel fiber, short range, for systems with QSFP-DD slots
400 GE QSFPDD transceiver module, 8 channel parallel fiber	FN-TRAN-QSFPDD-SR8	400 GE QSFPDD transceiver module, 8 channel parallel fiber, short range, for systems with QSFP-DD slots
400 GE QSFPDD passive Direct Attach Cable, 1m	FN-CABLE-QSFPDD-DAC-01	400 GE QSFPDD passive Direct Attach Cable, 1m, for systems with QSFP-DD slots.
400 GE QSFPDD passive Direct Attach Cable, 2.5m	FN-CABLE-QSFPDD-DAC-B5	400 GE QSFPDD passive Direct Attach Cable, 2.5m, for systems with QSFP-DD slots.

* The FG-7081F and FG-7121F have Chassis-based pricing. Individual and bundled FortiGuard security services and FortiCare support subscription services such as Threat Protection Bundle, UTM Bundle, Enterprise Bundle, and FortiCare360 are on a chassis-based pricing. License such as VDOM and Endpoint Compliance are also included in the chassis-based pricing.

** Each FIM is packed individually and comes with 2× 10 GE SFP+ SR transceivers at no charge.

NOTE: All optional/spare components are for replacement usage and should not be used to assemble a bundle as only bundles have the necessary subscriptions.

Subscriptions

Service Category	Service Offering	A-la-carte	Bundles		
			Enterprise Protection	Unified Threat Protection	Advanced Threat Protection
FortiGuard Security Services	IPS Service	•	•	•	•
	Anti-Malware Protection (AMP) — Antivirus, Mobile Malware, Botnet, CDR, Virus Outbreak Protection and FortiSandbox Cloud Service	•	•	•	•
	URL, DNS & Video Filtering Service	•	•	•	
	Anti-Spam		•	•	
	AI-based Inline Malware Prevention Service	•	•		
	Data Loss Prevention Service [1]	•	•		
	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)	•			
	FortiManager Cloud	•			
	FortiAnalyzer Cloud	•			
	FortiAnalyzer Cloud with SOCaaS	•			
	FortiGuard SOCaaS	•			
Hardware and Software Support	FortiCare Essentials [2]	•			
	FortiCare Premium	•	•	•	•
	FortiCare Elite	•			
Base Services	Internet Service (SaaS) DB Updates	included with FortiCare Subscription			
	GeoIP DB Updates				
	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

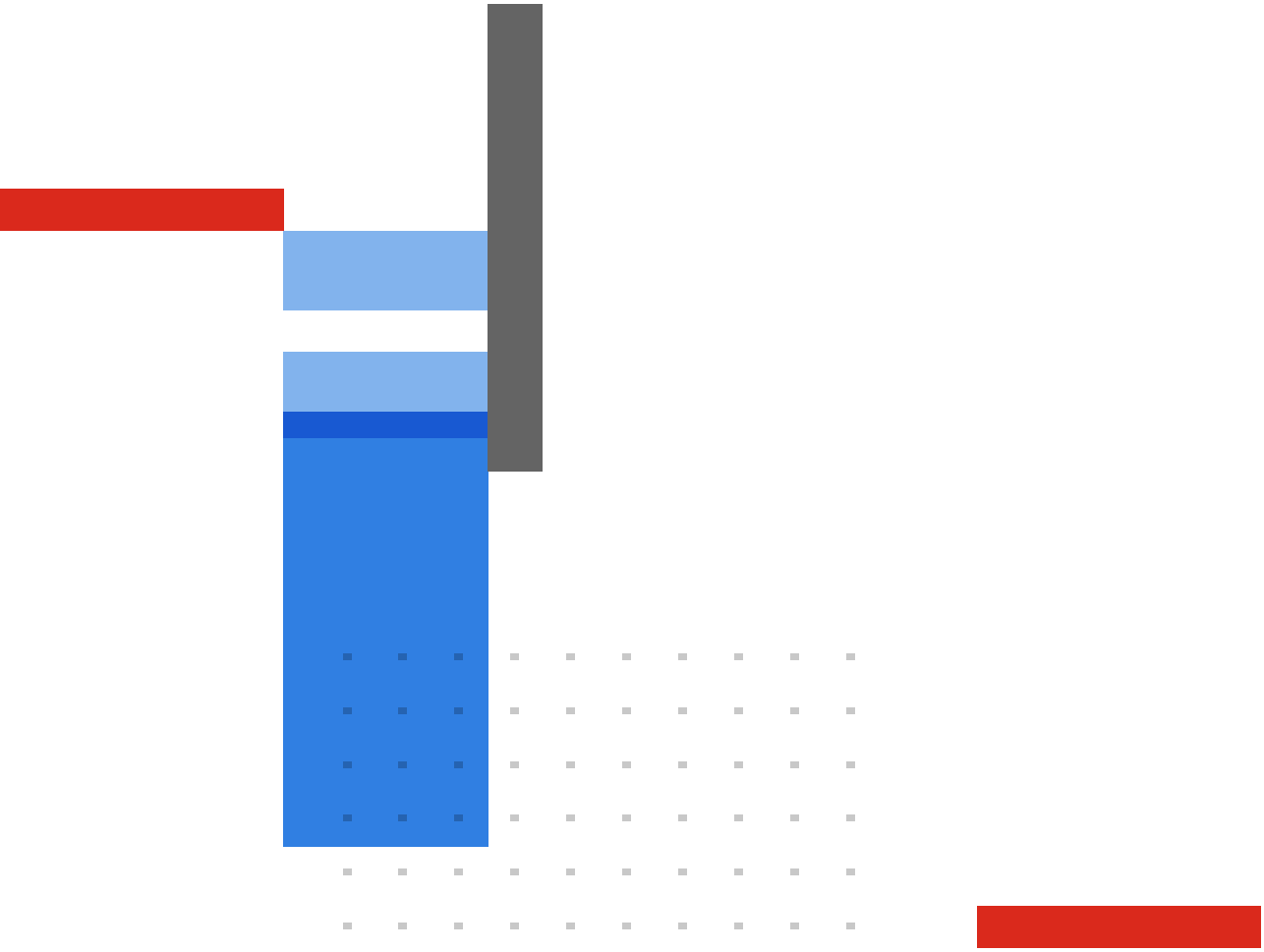
FortiGuard Labs delivers a number of security intelligence services to augment the FortiGate firewall platform. You can easily optimize the protection capabilities of your FortiGate with one of these FortiGuard Bundles.

FortiCare 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 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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