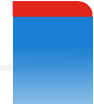




NGFW/Perimeter Firewalls

Product Offerings



Fortinet's next generation firewalls (NGFW) deliver industry-leading enterprise security for any edge and at any scale. Powered by advanced artificial intelligence/machine learning, FortiGuard services, and the integrated Fortinet Security Fabric platform, FortiGate NGFW delivers coordinated, automated, end-to-end security policies, threat protection, and optimal user experience for today's hybrid workforce.

BRANCH	SMALL RETAIL/HOME OFFICE	BRANCH	BIG RETAIL/SMB	10 G DOWNLINK	10 G UPLINK/DOWNLINK
APPLIANCES	40F	60F	80F	100F	200F
NGFW/Perimeter Firewalls					
Firewall Throughput (1518 byte)	5 Gbps	10 Gbps	10 Gbps	20 Gbps	27 Gbps
Threat Protection Throughput	600 Mbps	700 Mbps	900 Mbps	1 Gbps	3 Gbps
SSL Inspection Throughput	310 Mbps	630 Mbps	715 Mbps	1 Gbps	4 Gbps
Recommended FortiGuard Bundle	Enterprise	Enterprise	Enterprise	Enterprise	Enterprise
Hardware					
Connectivity					
Dedicated WAN Ports	1	2	2	2	2
LAN/Switch Ports	2	5	6	12	16
Dedicated FortiLink Ports	1	2	2	2 (10GE)	2 (10GE)
Hardware Variants					
WiFi (single dual-band radio)	☑	☑	☑		
WiFi (dual concurrent dual-band radio)			☑		
Built-in Storage		☑	☑	☑	☑
Built-in LTE	☑				
Built-in POE			☑		
Form Factor	Desktop	Desktop	Desktop	1 RU	1 RU

BRANCH BUNDLES

FORTIGATE	40F	60F	80F	100F	200F
Hardware Bundle	FG-40F-BDL-811-DD	FG-60F-BDL-811-DD	FG-80F-BDL-811-DD	FG-100F-BDL-811-DD	FG-200F-BDL-811-DD
Renewal	FC-10-0040F-811-02-DD	FC-10-0060F-811-02-DD	FC-10-0080F-811-02-DD	FC-10-F100F-811-02-DD	FC-10-F200F-811-02-DD
Storage Variant					
Hardware Bundle		FG-61F-BDL-811-DD	FG-81F-BDL-811-DD	FG-101F-BDL-811-DD	FG-201F-BDL-811-DD
Renewal		FC-10-0061F-811-02-DD	FC-10-0081F-811-02-DD	FC-10-F101F-811-02-DD	FC-10-F201F-811-02-DD
LTE Variant					
Hardware Bundle	FG-40F-3G4G-BDL-811-DD				
Renewal	FC-10-F40FG-811-02-DD				
POE Variant					
Hardware Bundle			FG-80F-POE-BDL-811-DD FG-81F-POE-BDL-811-DD		
Renewal			FC-10-F80FP-811-02-DD FC-10-F81FP-811-02-DD		

PRODUCT OFFERINGS

BRANCH BUNDLES					
FORTIWIFI	40F	60F	80F	100F	200F
Hardware Bundle	FWF-40F-A-BDL-811-DD	FWF-60F-A-BDL-811-DD	FWF-80F-2R-A-BDL-811-DD		
Renewal	FC-10-W040F-811-02-DD	FC-10-W060F-811-02-DD	FC-10-W080F-811-02-DD		
Storage Variant					
Hardware Bundle		FWF-61F-A-BDL-811-DD	FWF-81F-2R-A-BDL-811-DD		
Renewal		FC-10-W061F-811-02-DD	FC-10-W081F-811-02-DD		
LTE Variant					
Hardware Bundle	FWF-40F-3G4G-A-BDL-811-DD				
Renewal	FC-10-F40FI-811-02-DD				
POE Variant					
Hardware Bundle			FWF-81F-2R-POE-A-BDL-811-DD		
Renewal			FC-10-WP81F-811-02-DD		

ZERO TOUCH PROVISIONING

FortiDeploy (one SKU per P.O.) FDP-SINGLE-USE (one per purchase order required to link them)

MIDRANGE					
APPLIANCES	100F	200F	400E	600E	1100E
NGFW/Perimeter Firewalls					
Firewall Throughput (1518 byte)	20 Gbps	27 Gbps	32 Gbps	139 Gbps	80 Gbps
Threat Protection Throughput	1 Gbps	3 Gbps	5 Gbps	10.5 Gbps	71 Gbps
SSL Inspection Throughput	1 Gbps	4 Gbps	4.8 Gbps	9 Gbps	10 Gbps
Recommended FortiGuard Bundle	Enterprise	Enterprise	Enterprise	Enterprise	Enterprise
Central Management/Log/Report (Self-hosted)	☑	☑	☑	☑	☑
Central Management/Log/Report (SaaS)	Add-on	Add-on	Add-on	Add-on	Add-on
Hardware/Connectivity					
40G					☑
25G					☑
10G	☑	☑		☑	☑
1G	☑	☑	☑	☑	☑
With storage	101F	201F	401E	601F	1101E

MIDRANGE BUNDLES					
FORTIGATE	100F	200F	400E	600F	1100E
Enterprise Bundle					
Hardware Bundle	FG-100F-BDL-811-DD	FG-200F-BDL-811-DD	FG-400E-BDL-811-DD	FG-600F-BDL-811-DD	FG-1100E-BDL-811-DD
Renewal	FC-10-F100F-811-02-DD	FC-10-F200F-811-02-DD	FC-10-0400E-811-02-DD	FC-10-0600F-811-02-DD	FC-10-F11HE-811-02-DD
UTP Bundle					
Hardware Bundle	FG-100F-BDL-950-DD	FG-200F-BDL-950-DD	FG-400E-BDL-950-DD	FG-600E-BDL-950-DD	FG-1100E-BDL-950-DD
Renewal	FC-10-F100F-950-02-DD	FC-10-F200F-950-02-DD	FC-10-0400E-950-02-DD	FC-10-F6H0E-950-02-DD	FC-10-F11HE-950-02-DD



PRODUCT OFFERINGS

HIGH END									
APPLIANCES	1800F	2600F	3000F	3500F	3700F	4200F	4400F	6300F	6500F
NGFW/Perimeter Firewalls									
Firewall Throughput (1518 byte)	198 Gbps	198 Gbps	397 Gbps	595 Gbps	589 Gbps	800 Gbps	1.15 Tbps	239 Gbps	239 Gbps
New Sessions/Second	750,000	850,000	870,000	1 M	930,000	1 M	1 M	2 M	3 M
Threat Protection Throughput	9.1 Gbps	17 Gbps	33 Gbps	63 Gbps	75 Gbps	45 Gbps	75 Gbps	60 Gbps	100 Gbps
SSL Inspection Throughput	17 Gbps	20 Gbps	29 Gbps	63 Gbps	55 Gbps	50 Gbps	86 Gbps	66 Gbps	110 Gbps
Recommended FortiGuard Bundle	Enterprise	Enterprise	Enterprise	Enterprise	Enterprise	Enterprise	Enterprise	Enterprise	Enterprise
Central Management/Log/Report (Self-hosted)	☑	☑	☑	☑	☑	☑	☑	☑	☑
Central Management/Log/Report (SaaS)	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on	Add-on
Max FortiAPs (Total/Tunnel)	4096/2048	4096/2048	4096/2048	4096/2048	4096/2048	8192/4096	8192/4096		
Max FortiSwitches	196	196	300	300	300	300	300	256	256
VDOMs (Default/Max)	10/250	10/500	10/500	10/500	10/500	10/500	10/500	10/500	10/500
Hardware/Connectivity									
100G		☑	☑	☑	☑	☑	☑	☑	☑
40G	☑	☑	☑	☑	☑	☑	☑	☑	☑
25G	☑	☑	☑	☑	☑	☑	☑	☑	☑
10G	☑	☑	☑	☑	☑	☑	☑	☑	☑
With storage	1801F	2601F	3001F	3501F	3701F	4201F	4401F	6301F	6501F

HIGH END BUNDLES					
FORTIGATE	1800F	2600F	3000F	3500F	3700F
Enterprise Bundle					
Hardware Bundle	FG-1800F-BDL-811-DD	FG-2600F-BDL-811-DD	FG-3000F-BDL-811-DD	FG-3500F-BDL-811-DD	FG-3600E-BDL-811-DD
Renewal	FC-10-F18HF-811-02-DD	FC-10-F26HF-811-02-DD	FC-10-F3K0F-811-02-DD	FC-10-F3K0F-811-02-DD	FC-10-F3K6E-811-02-DD
UTP Bundle					
Hardware Bundle	FG-1800F-BDL-950-DD	FG-2600F-BDL-950-DD	FG-3000F-BDL-950-DD	FG-3500F-BDL-950-DD	FG-3600E-BDL-950-DD
Renewal	FC-10-F18HF-950-02-DD	FC-10-F26HF-950-02-DD	FC-10-F3K0F-950-02-DD	FC-10-F3K5F-950-02-DD	FC-10-F3K6E-950-02-DD

FORTIGATE	4200F	4400F	6300F	6500F
Enterprise Bundle				
Hardware Bundle	FG-4200F-BDL-811-DD	FG-4400F-BDL-811-DD	FG-6300F-BDL-811-DD	FG-6500F-BDL-811-DD
Renewal	FC-10-F42HF-811-02-DD	FC-10-F44HF-811-02-DD	FC-10-6K30F-811-02-DD	FC-10-6K50F-811-02-DD
UTP Bundle				
Hardware Bundle	FG-4200F-BDL-950-DD	FG-4400F-BDL-950-DD	FG-6300F-BDL-950-DD	FG-6500F-BDL-950-DD
Renewal	FC-10-F42HF-950-02-DD	FC-10-F44HF-950-02-DD	FC-10-6K30F-950-02-DD	FC-10-6K50F-950-02-DD



CONSIDERATIONS FOR NGFW SELECTION

- Security requirements
- Throughput
- Interface connectivity
- Redundancy (WAN, power, IPsec VPN tunnels, device)
- How easy it is to migrate to Fortinet

FREQUENTLY ASKED QUESTIONS

What are typical licenses for customer deployments with NGFW with FortiGates?

The Unified Threat Protection (UTP) and the Enterprise bundles, which provide extensive coverage for device-, content-, and web-based threats, comprehensively cover most customer use cases.

See https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/FortiGuard_Security_Services.pdf.

How is "Threat Protection" measured and what does it include?

Threat Protection performance is measured with firewall, IPS, application control, malware protection, and logging enabled.

What does the UTP license include?

The UTP license includes IPS, advanced malware protection, application control, botnet DB, mobile malware, outbreak prevention, web and video filtering, Cloud Sandbox, secure DNS filtering, antispam service, and 24x7 support.

See https://www.fortinet.com/content/dam/fortinet/assets/data-sheets/FortiGuard_Security_Services.pdf.

Do I need a license for high availability (HA) deployments?

All HA cluster members must have valid support contracts and valid licenses for FortiGuard services. Only having coverage for the primary unit is insufficient.

Support contract: All units must have valid support contracts to be able open a support ticket against a specific device.

FortiGuard services: You must register and license all units in a cluster for all required FortiGuard services. This is because all cluster units communicate with the FortiGuard Distribution Network and because any cluster unit could potentially become the primary unit.

Where can I find out what transceivers a FortiGate supports?

Each FortiGate datasheet has a list of transceivers that the model supports, typically at the end of the datasheet under the Ordering information section.

How can I easily migrate from either a Third party device to Fortinet or migrate from my old FortiGate to a newer FortiGate?

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. This one-time 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.

FortiConverter service is also part of the Enterprise Bundle and can be also bought as an ala carte SKU. As an example when migrating to a new FortiGate-80F, FortiConverter Service can be added as an ala carte SKU which is like the below. The "189" highlighted in red in the middle denotes the ala carte FortiConverter service SKU.

FC-10-F80FP-189-02-DD FortiConverter Service for one time configuration conversion service



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