

Overview

FG-600E is the Fortinet NGFW Middle-range Series FortiGate 601E firewall. The FortiGate 600E /601E series delivers next generation firewall capabilities for mid-sized to large enterprises, with the flexibility to be deployed at the campus or enterprise branch.

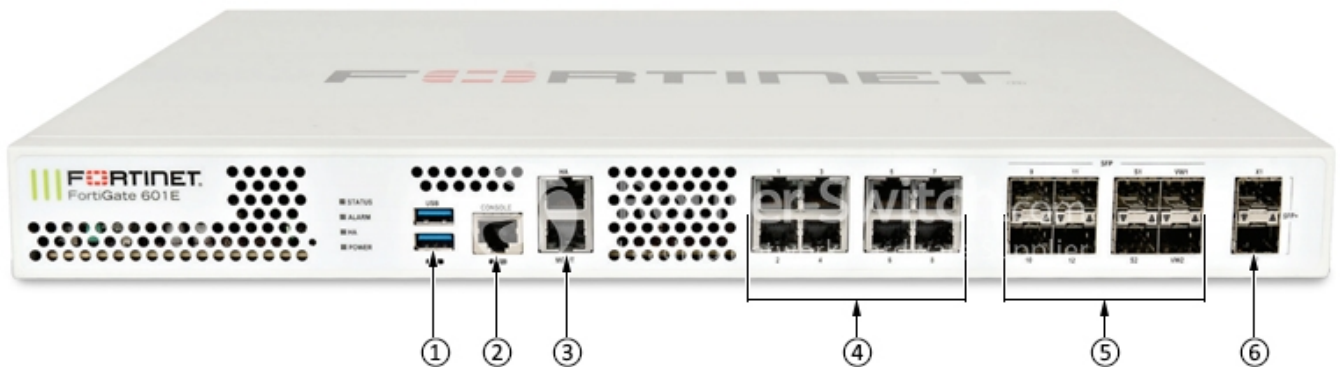
Quick Spec

Table 1 shows the quick spec.

SKU	FG-600E
Firewall	36 Gbps
IPS	10 Gbps
NGFW	9.5 Gbps
Threat Protection	7 Gbps
Interfaces	2 x 10GE SFP+ slots 8 x GE SFP slots 8 x GE RJ45 ports 2 x GE RJ45 management ports

Product Details

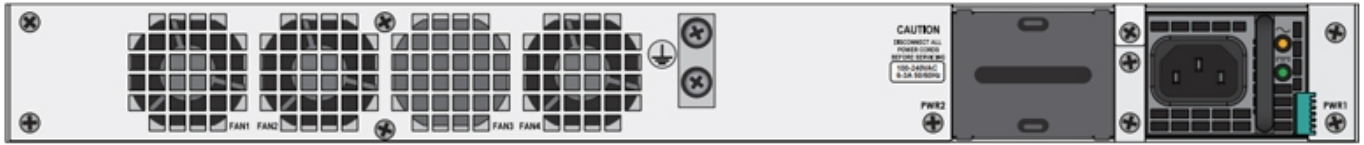
Figure 1 shows the front view of FG-601E. FG-600E is similar with it.



Note:

(1)	2 USB Ports
(2)	1 Console Port
(3)	2x GE RJ45 MGMT/HA Ports
(4)	8x GE SFP Slots
(5)	8x GE RJ45 Ports
(6)	2x 10 GE SFP+ Slots

Figure 2 shows the rear view of FG-601E. FG-600E is similar with it.



The Optional Accessories & Spares

Table 2 shows the optional accessories or spares of FG-600E.

Optional Accessories & Spares	SKU	Description
1 GE SFP LX Transceiver Module	FG-TRAN-LX	1 GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots
1 GE SFP RJ45 Transceiver Module	FG-TRAN-GC	1 GE SFP RJ45 transceiver module for all systems with SFP and SFP/SFP+ slots
1 GE SFP SX Transceiver Module	FG-TRAN-SX	1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots
10 GE SFP+ Transceiver Module, Short Range	FG-TRAN-SFP+SR	10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots
10 GE SFP+ Transceiver Module, Long Range	FG-TRAN-SFP+LR	10 GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots
10 GE SFP+ Active Direct Attach Cable, 10m / 32.8 ft	SP-CABLE-ADASFP+	10 GE SFP+ active direct attach cable, 10m / 32.8 ft for all systems with SFP+ and SFP/SFP+ slots
Optional Power Supply	SP-FG300E-PS	AC power supply for FG-300/301E, FG-400/401E, FG-500/501E, FG-600/601E, FAZ-200F/300F/800F and FMG-200F/300F

Compare to Similar Item

Table 3 shows the comparison of FG-601E and FG-600E.

SKU	FG-601E	FG-600E
Firewall	36 Gbps	36 Gbps
IPS	10 Gbps	10 Gbps
NGFW	9.5 Gbps	9.5 Gbps
Threat Protection	7 Gbps	7 Gbps
Interfaces	2 x 10GE SFP+ slots 8 x GE SFP slots 8 x GE RJ45 ports 2 x GE RJ45 management ports	2 x 10GE SFP+ slots 8 x GE SFP slots 8 x GE RJ45 ports 2 x GE RJ45 management ports
Local Storage	2x 240 GB SSD	NIL

Get More Information

Do you have any question about the FG-600E?

Specification

FG-600E Specification	
Type	FORTIGATE 600E
Interfaces and Modules	
10 GE SFP+ Slots	2
GE SFP Slots	8
GE RJ45 Interfaces	8
GE RJ45 Management Ports	2
USB Ports	2
RJ45 Console Port	1
Local Storage	NIL
Included Transceivers	2x SFP (SX 1 GE)
System Performance and Capacity	
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP)	36 / 36 / 27 Gbps
IPv6 Firewall Throughput (1518 / 512 / 86 byte, UDP)	36 / 36 / 27 Gbps
Firewall Latency (64 byte, UDP)	2 μ s
Firewall Throughput (Packet per Second)	40.5 Mpps
Concurrent Sessions (TCP)	8 Million
New Sessions/Second (TCP)	450,000
Firewall Policies	10,000
IPsec VPN Throughput (512 byte)	20 Gbps
Gateway-to-Gateway IPsec VPN Tunnels	2,000
Client-to-Gateway IPsec VPN Tunnels	50,000
SSL-VPN Throughput	7 Gbps
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	10,000
SSL Inspection Throughput (IPS, avg. HTTPS)	8 Gbps
SSL Inspection CPS (IPS, avg. HTTPS)	5,500
Application Control Throughput (HTTP 64K)	15 Gbps
Virtual Domains (Default / Maximum)	10 / 10
Maximum Number of FortiSwitches Supported	64
Maximum Number of FortiAPs (Total / Tunnel)	1024 / 512
Maximum Number of FortiTokens	5,000

Maximum Number of Registered FortiClients	2,000
High Availability Configurations	Active-Active, Active-Passive, Clustering
System Performance — Enterprise Traffic Mix	
IPS Throughput	10 Gbps
NGFW Throughput	9.5 Gbps
Threat Protection Throughput	7 Gbps
Dimensions and Power	
Height x Width x Length	1.75 x 17.0 x 15.0 inches 44.45 x 432 x 380 mm
Form Factor	1 RU
AC Power Supply	100-240V AC, 60-50 Hz
Power Consumption (Average / Maximum)	129 W / 244 W
Current (Maximum)	6A @ 100V
Heat Dissipation	832 BTU/h
Redundant Power Supplies	optional
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	59 dBA
Operating Altitude	Up to 7,400 ft (2,250 m)
Compliance	FCC Part 15 Class A, C-Tick, VCCI, CE, UL/cUL, CB
Certifications	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN; USGv6/IPv6

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