

Overview

FG-101E is the Fortinet NGFW Middle-range Series FortiGate 101E firewall. The FortiGate 100E series delivers next generation firewall capabilities for mid-sized to large enterprises, with the flexibility to be deployed at the campus or enterprise branch.

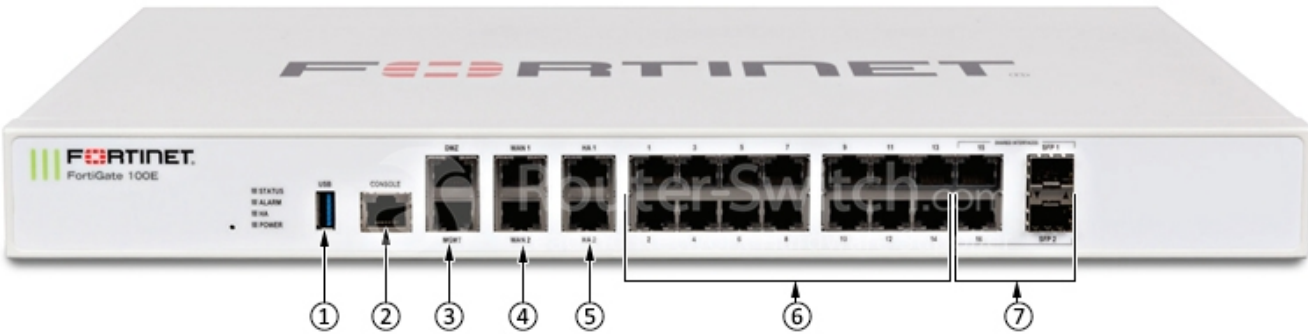
Quick Spec

Table 1 shows the quick spec.

SKU	FG-101E
Firewall	7.4 Gbps
IPS	500 Mbps
NGFW	360 Mbps
Threat Protection	250 Mbps
Interfaces	2x GE RJ45 MGMT/DMZ Ports 2x GE RJ45 WAN Ports 2x GE RJ45 HA Ports 14x GE RJ45 Ports 2x GE RJ45/SFP Shared Media Pairs

Product Details

Figure 1 shows the front view of FG-100E. FG-101E is similar with it.



Note:

(1)	USB Port
(2)	Console Port
(3)	2x GE RJ45 MGMT/DMZ Ports
(4)	2x GE RJ45 WAN Ports
(5)	2x GE RJ45 HA Ports
(6)	14x GE RJ45 Ports
(7)	2x GE RJ45/SFP Shared Media Pairs

The Optional Accessories & Spares

Table 2 shows the optional accessories or spares of FG-101E.

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
External redundant AC power supply	FRPS-100	External redundant AC power supply for up to 4 units: FG-100/101E, FG-300C, FG-310B, FS-348B and FS-448B. Up to 2 units: FG-200B, FG-200D, FG-200/201E, FG-240D and FG-300D, FG-400D, FG-500D, FG-600D, FHV-500D, FDD-200B, FDD-400B, FDD-600B and FDD-800B.

Related Products

Table 3 shows the bundle models and licenses of FG-101E.

Types	Model	Description
Basic Firewall	FG-101E	20 x GE RJ45 ports (including 2 x WAN ports, 1 x DMZ port, 1 x Mgmt port, 2 x HA ports, 14 x switch ports), 2 x Shared Media pairs (Including 2 x GE RJ45 ports, 2 x SFP slots) 480GB onboard storage. Max managed FortiAPs (Total / Tunnel) 64 / 32
1 year bundle	FG-101E-BDL-950-12	FG-101E Hardware plus 1 Year 24*7 FortiCare and FortiGuard Unified (UTM) Protection(FG-101E & FC-10-00119-950-02-12)
1 year License	FC-10-00119-950-02-12	1 year Unified (UTM) Protection (24x7 FortiCare plus Application Control, IPS, AV, Web Filtering and Antispam, FortiSandbox Cloud) of FG-101E
3 year bundle	FG-101E-BDL-950-36	FG-101E Hardware plus 3 Year 24*7 FortiCare and FortiGuard Unified (UTM) Protection(FG-101E & FC-10-00119-950-02-36)
3 year License	FC-10-00119-950-02-36	3 year Unified (UTM) Protection (24x7 FortiCare plus Application Control, IPS, AV, Web Filtering and Antispam, FortiSandbox Cloud) of FG-101E
5 year bundle	FG-101E-BDL-950-60	FG-101E Hardware plus 5 Year 24*7 FortiCare and FortiGuard Unified (UTM) Protection(FG-101E & FC-10-00119-950-02-60)
5 year License	FC-10-00119-950-02-60	5 year Unified (UTM) Protection (24x7 FortiCare plus Application Control, IPS, AV, Web Filtering and Antispam, FortiSandbox Cloud) of FG-101E

Compare to Similar Item

Table 4 shows the comparison of FG-100E and FG-101E.

SKU	FG-100E	FG-101E
Firewall	7.4 Gbps	7.4 Gbps
IPS	500 Mbps	500 Mbps
NGFW	360 Mbps	360 Mbps
Threat Protection	250 Mbps	250 Mbps
Interfaces	20 x GE RJ45 ports (including 2x WAN ports, 1x DMZ port, 1x Mgmt port, 2x HA ports, 14x switch ports), 2x Shared Media pairs (including 2x GE RJ45 ports, 2x SFP slots) 480 GB onboard storage. Maximum managed FortiAPs (Total / Tunnel) 64 / 32	20 x GE RJ45 ports (including 2x WAN ports, 1x DMZ port, 1x Mgmt port, 2x HA ports, 14x switch ports), 2x Shared Media pairs (including 2x GE RJ45 ports, 2x SFP slots) 480 GB onboard storage. Maximum managed FortiAPs (Total / Tunnel) 64 / 32
Internal Storage	N/A	1x 480 GB SSD

Get More Information

Do you have any question about the FG-101E?

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Specification

FG-101E Specification	
Type	FORTIGATE 101E
Interfaces and Modules	
GE RJ45 Ports	14
GE RJ45 Management/HA/DMZ Ports	1 / 2 / 1
GE SFP Slots	—
GE RJ45 PoE/+ Ports	—
GE RJ45 WAN Ports	2
GE RJ45 or SFP Shared Ports	2
USB Port	1
Console Port	1
Internal Storage	1x 480 GB SSD
Included Transceivers	0
System Performance and Capacity	
Firewall Throughput (1518 / 512 / 64 byte, UDP)	7.4 / 7.4 / 4.4 Gbps
Firewall Latency (64 byte, UDP)	3 μs
Firewall Throughput (Packet per Second)	6.6 Mpps
Concurrent Sessions (TCP)	2 Million
New Sessions/Second (TCP)	30,000
Firewall Policies	10,000
IPsec VPN Throughput (512 byte)	4 Gbps
Gateway-to-Gateway IPsec VPN Tunnels	2,000
Client-to-Gateway IPsec VPN Tunnels	10,000
SSL-VPN Throughput	250 Mbps
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	500
SSL Inspection Throughput (IPS, avg. HTTPS)	130 Mbps
SSL Inspection CPS (IPS, avg. HTTPS)	130
Application Control Throughput (HTTP 64K)	1 Gbps
CAPWAP Throughput (1444 byte, UDP)	1.5 Gbps

Virtual Domains (Default / Maximum)	10 / 10
Maximum Number of FortiSwitches Supported	24
Maximum Number of FortiAPs (Total / Tunnel)	64 / 32
Maximum Number of FortiTokens	5,000
Maximum Number of Registered FortiClients	600
High Availability Configurations	Active / Active, Active / Passive, Clustering
System Performance — Enterprise Traffic Mix	
IPS Throughput	500 Mbps
NGFW Throughput	360 Mbps
Threat Protection Throughput	250 Mbps
Dimensions and Power	
Height x Width x Length	1.75 x 17 x 10 inches 44.45 x 432 x 254 mm
Form Factor	Rack Mount, 1 RU
AC Power Supply	100–240V AC, 60–50 Hz
Power Consumption (Average / Maximum)	24.8 W / 27.5 W
Heat Dissipation	87.0 BTU/h
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	93.8 BTU/h
Operating Altitude	Up to 7,400 ft (2,250 m)
Compliance	FCC Part 15B, Class A, CE, RCM, VCCI, UL/cUL, CB, BSMI
Certifications	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN; IPv6

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