FG-201E Datasheet

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Overview

FG-201E is the Fortinet NGFW Middle-range Series FortiGate 201E firewall. The FortiGate 201E series delivers next generation firewall capabilities for mid-sized to large enterprises, with the flexibility to be deployed at the campus or enterprise branch.

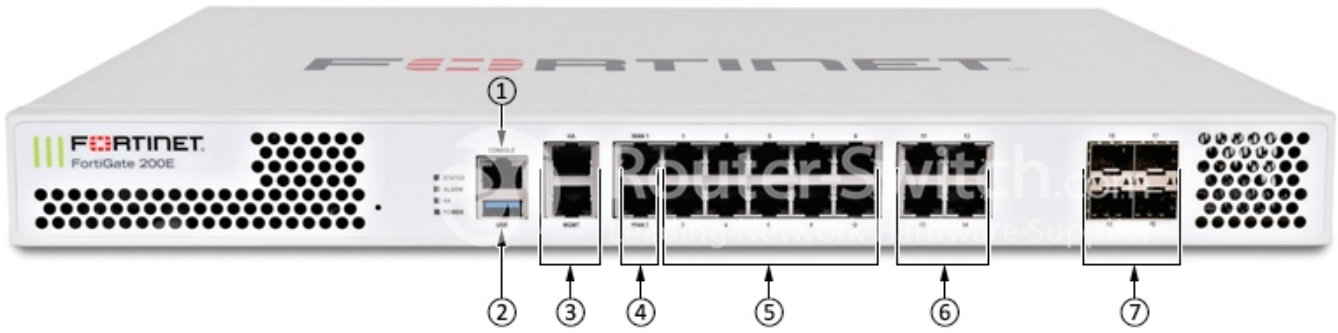
Quick Spec

Table 1 shows the quick spec.

Sku	FG-201E
Firewall	20 Gbps
IPS	2.2 Gbps
NGFW	1.8 Gbps
Threat Protection	1.2 Gbps
Interfaces	2x GE RJ45 Management/HA Ports 2x GE RJ45 WAN Ports 14x GE RJ45 Ports 4x GE SFP Slots

Product Details

Figure 1 shows the front view of FG-200E. FG-201E is similar with it.



Note:

(1)	Console Port
(2)	USB Port
(3)	2x GE RJ45 Management/HA Ports
(4)	2x GE RJ45 WAN Ports
(5)	10x GE RJ45 Ports
(6)	4x GE RJ45 Ports
(7)	4x GE SFP Slots

Figure 2 shows the rear view of FG-200E. FG-201E is similar with it.



The Optional Accessories & Spares

Table 2 shows the optional accessories or spares of FG-201E.

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-201E.

Types	Model	Description
Basic Firewall	FG-201E	18 x GE RJ45 (including 2 x WAN ports, 1 x MGMT port, 1 X HA port, 14 x switch ports), 4 x GE SFP slots, SPU NP6Lite and CP9 hardware accelerated, 480GB onboard SSD storage.
1 year bundle	FG-201E-BDL-950-12	FG-201E Hardware plus 1 Year 24*7 FortiCare and FortiGuard Unified (UTM) Protection**(FG-201E & FC-10-00208-950-02-12)**
1 year License	FC-10-00208-950-02-12	1 year Unified (UTM) Protection (24x7 FortiCare plus Application Control, IPS, AV, Web Filtering and Antispam, FortiSandbox Cloud) of FG-201E
3 year bundle	FG-201E-BDL-950-36	FG-201E Hardware plus 3 Year 24*7 FortiCare and FortiGuard Unified (UTM) Protection**(FG-201E & FC-10-00208-950-02-36)**
3 year License	FC-10-00208-950-02-36	3 year Unified (UTM) Protection (24x7 FortiCare plus Application Control, IPS, AV, Web Filtering and Antispam, FortiSandbox Cloud) of FG-201E
5 year bundle	FG-201E-BDL-950-60	FG-201E Hardware plus 5 Year 24*7 FortiCare and FortiGuard Unified (UTM) Protection**(FG-201E & FC-10-00208-950-02-60)**
5 year License	FC-10-00208-950-02-60	5 year Unified (UTM) Protection (24x7 FortiCare plus Application Control, IPS, AV, Web Filtering and Antispam, FortiSandbox Cloud) of FG-201E

Compare to Similar Item

Table 4 shows the comparison of FG-200E and FG-201E.

Sku	FG-200E	FG-201E
Firewall	20 Gbps	20 Gbps
IPS	2.2 Gbps	2.2 Gbps
NGFW	1.8 Gbps	1.8 Gbps
Threat Protection	1.2 Gbps	1.2 Gbps
Interfaces	2x GE RJ45 Management/HA Ports 2x GE RJ45 WAN Ports 14x GE RJ45 Ports 4x GE SFP Slots	2x GE RJ45 Management/HA Ports 2x GE RJ45 WAN Ports 14x GE RJ45 Ports 4x GE SFP Slots
Local Storage	—	1x 480 GB SSD

Get More Information

Do you have any question about the FG-201E?

Contact us now via **Live Chat** or **sales@router-switch.com**.

Specification

FG-201E Specification	
Type	FORTIGATE 201E
Interfaces and Modules	
GE SFP Slots	4
GE RJ45 Interfaces	14
GE RJ45 WAN Interfaces	2
GE RJ45 Management/HA Ports	2
USB Ports	2
RJ45 Console Port	1
Local Storage	1x 480 GB SSD
Included Transceivers	0
System Performance and Capacity	
Firewall Throughput (1518 / 512 / 64 byte, UDP)	20 / 20 / 9 Gbps
Firewall Latency (64 byte, UDP)	3 µs
Firewall Throughput (Packet per Second)	13.5 Mpps
Concurrent Sessions (TCP)	2 Million
New Sessions/Second (TCP)	135,000
Firewall Policies	10,000
IPsec VPN Throughput (512 byte)	7.2 Gbps
Client-to-Gateway IPsec VPN Tunnels	10,000

SSL-VPN Throughput	900 Mbps
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	5,00
SSL Inspection Throughput (IPS, avg. HTTPS)	820 Mbps
SSL Inspection CPS (IPS, avg. HTTPS)	1000
Application Control Throughput (HTTP 64K)	3.5 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)	128 / 64
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	2.2 Gbps
NGFW Throughput	1.8 Gbps
Threat Protection Throughput	1.2 Gbps
Dimensions and Power	
Height x Width x Length	1.75 x 17.0 x 11.9 inches 44.45 x 432 x 301 mm
Form Factor	1 RU
AC Power Supply	100–240V AC, 60–50 Hz
Power Consumption (Average / Maximum)	70.98 / 109.9 W
Heat Dissipation	374.9 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	31.1 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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