

Concurrent
Sessions
2 Million

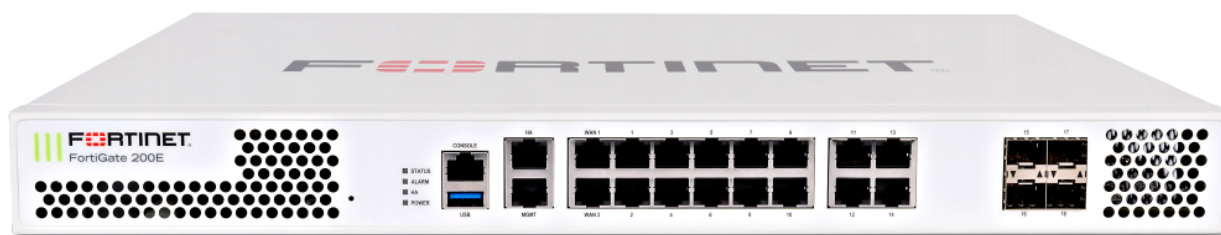
FortiGate[®] 200E Series

FortiGate 200E and 201E

Secure SD-WAN

Next Generation Firewall

Secure Web Gateway



Dòng sản phẩm FortiGate 200E cung cấp khả năng tường lửa (NGFW) thế hệ tiếp theo phù hợp cho các doanh nghiệp quy mô vừa đến lớn, được triển khai ở các mạng Campus hoặc chi nhánh doanh nghiệp.

FortiGate 200E bảo vệ hệ thống mạng chống lại các mối đe dọa mạng bằng bộ xử lý bảo mật công suất cao, giúp tối ưu hóa hiệu suất mạng, tăng hiệu quả bảo mật và khả năng hiển thị thông tin mạng.

Fortinet's Security-Driven Networking cung cấp khả năng tích hợp mạng của bạn với nền tảng bảo mật thế hệ mới

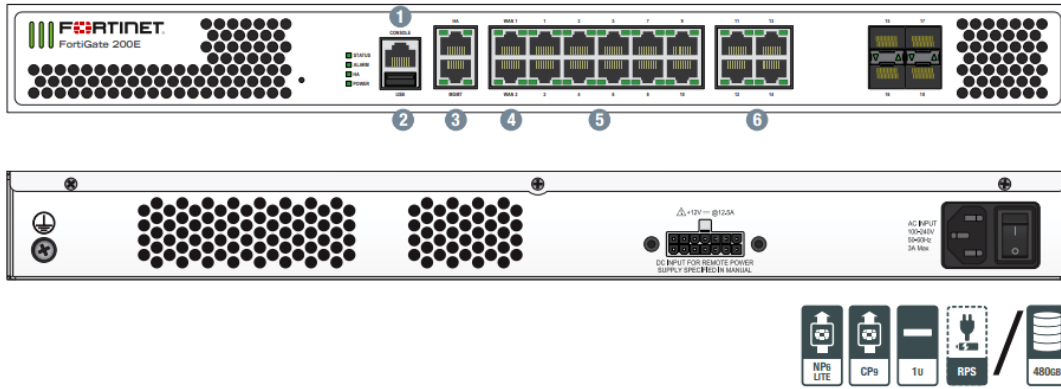
Tính năng nổi bật

- Số cổng: 18x GE RJ45, 4x GE SFP
- Local storage: 480 GB (201E)
- Firewall Throughput (1518/512/64 byte UDP): 20/20/9 Gbps
- IPsec VPN Throughput (512 byte): 7.2 Gbps
- IPSThroughput (Enterprise Mix): 2.2 Gbps
- NGFW Throughput (Enterprise Mix): 1.8 Gbps
- Threat Protection Throughput (Ent. Mix): 1.2 Mbps
- Firewall Latency: 3 μ s
- Concurrent Sessions: 2 Million
- New Sessions/Sec: 13,5000
- Firewall Policy: 10,000
- Max G/W to G/W IPSEC Tunnels: 2,000
- Max Client to G/W IPSEC Tunnels: 10,000
- SSL VPN Throughput: 900 Mbps
- Concurrent SSL VPN Users (Recommended Maximum, Tunnel Mode): 500
- SSL Inspection Throughput (IPS, avg. HTTPS): 820 Gbps

FORTINET

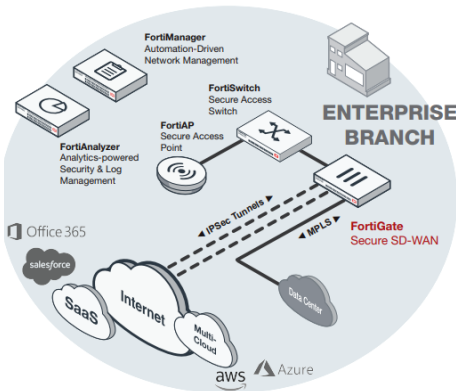
INTERCOM
Connect to Values

FortiGate 200E/201E

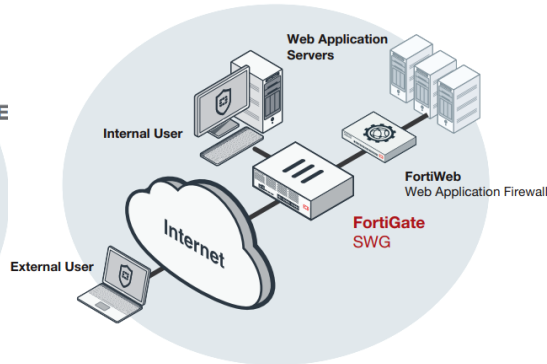


Interfaces

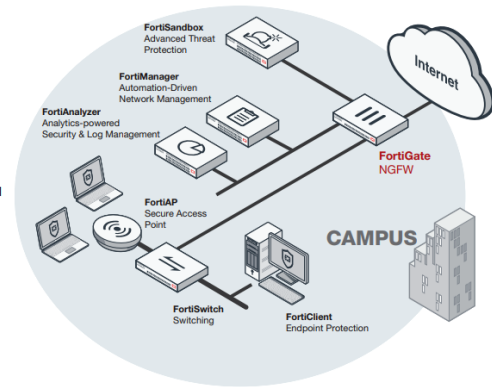
- | | |
|-----------------------------------|-------------------------|
| 1. Console Port | 4. 2x GE RJ45 WAN Ports |
| 2. USB Port | 5. 14x GE RJ45 Ports |
| 3. 2x GE RJ45 Management/HA Ports | 6. 4x GE SFP Slots |



FortiGate 200E deployment in Enterprise Branch (Secure SD-WAN)



FortiGate 200E SWG deployment



FortiGate 200E deployment in Campus (NGFW)

Bundles

	360 Protection	Enterprise Protection	UTM	Thread Protection
FortiCare	ASE ¹	24/7	24/7	24/7
FortiGuard App Control Service	●	●	●	●
FortiGuard IPS Service	●	●	●	●
FortiGuard Advanced Malware Protection (AMP) — Antivirus, Mobile Malware, Botnet, CDR, Virus Outbreak Protection and FortiSandbox Cloud Service	●	●	●	●
FortiGuard Web Filtering Service	●	●	●	
FortiGuard Antispam Service	●	●	●	
FortiGuard Security Rating Service	●	●		
FortiGuard Industrial Service	●	●		
FortiCASB IoT Detection Service ²	●	●		
FortiConverter Service	●	●		
IPAM Cloud ²	●			
SD-WAN Cloud Orchestrator Entitlement ²	●			
SD-WAN Cloud Assisted Monitoring	●			
SD-WAN Overlay Controller VPN Service	●			
FortiAnalyzer Cloud	●			
FortiManager Cloud	●			

1. 24/7 plus Advanced Services Ticket Handling 2. Available when running FortiOS 6.4

Thông số kỹ thuật

	FORTIGATE 200E	FORTIGATE 201E
Hardware Specifications		
GE RJ45 WAN Interfaces	2	
GE RJ45 Management /HA Ports	2	
GE RJ45 Ports	14	
GE SFP Slot	4	
USB Port	1	
Console (RJ45)	1	
Local Storage	-	1x 480 GB SSD
Included Transceivers	0	
System Performance — Enterprise Traffic Mix		
IPS Throughput ²	2.2 Gbps	
NGFW Throughput ^{2,4}	1.8 Gbps	
Threat Protection Throughput ^{2,5}	1.2 Gbps	
System Performance		
Firewall Throughput (1518/512/64 byte UDP packets)	20/ 20 / 9 Gbps	
Firewall Latency (64 byte UDP packets)	3 μs	
Firewall Throughput (Packets Per Second)	13.5 Mbps	
Concurrent Sessions (TCP)	2 Million	
New Sessions/Second (TCP)	135,000	
Firewall Policies	10,000	
IPsec VPN Throughput (512 byte) ¹	7.2 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels	2000	
Client-to-Gateway IPsec VPNTunnels	10,000	
SSL-VPN Throughput	900 Mbps	
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	500	
SSL Inspection Throughput (IPS, avg. HTTPS) ³	820 Mbps	
SSL Inspection CPS (IPS, avg. HTTPS) ³	1000	
SSL Inspection Concurrent Session (IPS, avg. HTTPS) ³	240,000	
Application Control Throughput (HTTP 64K) ²	3.5 Gbps	
CAPWAP Throughput (HTTP 64K)	1.5 Gbps	
Virtual Domains (Default/ Maximum)	10/10	
Maximum Number of FortiSwitches Supported	64	
Maximum Number of FortiAPs (Total/Tunnel Mode)	256 / 128	
Maximum Number of FortiTokens	5000	
High Availability Configurations	Active/Active, Active/Passive, Clustering	
Dimensions		
Height x Width x Length (inches)	1.75 x 17.0 x 11.9	
Height x Width x Length (mm)	44.45 x 432 x 301	
Weight	11.9 lbs (5.4 kg)	12.12 lbs (5.5 kg)
Form Factor (supports EIA/non-EIA standards)	Rack Mount, 1 RU	
Environment		
Power Input	100 - 240 V AC 50-60 Hz	
Maximum Current	110V/3A, 220V/0.42A	
Power Consumption (Average / Maximum)	70.98 / 109.9W	
Heat Dissipation	374.9 BTU/h	
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 15B, Class A, CE, RCM, VCCI, UL/cUL, CB, BSMI	
Certifications	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN; IPv6	

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

1. IPsec VPN performance test uses AES256-SHA256.

2. PS (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, and Malware Protection enabled.