The FortiGate 400E series delivers next-generation firewall capabilities for mid-sized to large enterprises, with the flexibility to be deployed at the campus or enterprise branch. Protect against cyber threats with security processor powered high performance, security efficacy and deep visibility.

**Security**
- Identifies thousands of applications inside network traffic for deep inspection and granular policy enforcement
- Protects against malware, exploits, and malicious websites in both encrypted and non-encrypted traffic
- Prevents and detects against known and unknown attacks using continuous threat intelligence from AI-powered FortiGuard Labs security services

**Performance**
- Delivers industry’s best threat protection performance and ultra-low latency using purpose built-security processor (SPU) technology
- Provides industry-leading performance and protection for SSL encrypted traffic

**Certification**
- Independently tested and validated best security effectiveness and performance
- Received unparalleled third-party certifications from NSS Labs, ICSA, Virus Bulletin, and AV Comparatives

**Networking**
- Best of Breed SD-WAN capabilities to enable application steering using WAN path control for high quality of experience
- Delivers advanced networking capabilities, high-performance, and scalable IPsec VPN capabilities to consolidate networking and security

**Management**
- Includes management console that’s effective, simple to use, and provides comprehensive network automation & visibility.
- Provides Zero Touch Integration with Security Fabric’s Single Pane of Glass Management
- Predefined compliance checklist analyzes the deployment and highlights best practices to improve overall security posture

**Security Fabric**
- Enables Fortinet and Fabric-ready partners’ products to provide broader visibility, integrated end-to-end detection, threat intelligence sharing, and automated remediation
- Automatically builds Network Topology visualizations which discover IoT devices and provide complete visibility into Fortinet and Fabric-ready partner products

<table>
<thead>
<tr>
<th>Firewall</th>
<th>IPS</th>
<th>NGFW</th>
<th>Threat Protection</th>
<th>Interfaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 Gbps</td>
<td>7.8 Gbps</td>
<td>6 Gbps</td>
<td>5 Gbps</td>
<td>Multiple GE RJ45 and GE SFP Slots</td>
</tr>
</tbody>
</table>

Refer to specification table for details
**Deployment**

**Next Generation Firewall (NGFW)**

- Reduce complexity by combining threat protection security capabilities into single high-performance network security appliance
- Identify and stop threats with powerful intrusion prevention beyond port and protocol that examines the actual applications in your network traffic
- Delivers industry's highest SSL inspection performance using industry-mandated ciphers while maximizing ROI
- Proactively blocks newly discovered sophisticated attacks in real-time with advanced threat protection

**Secure SD-WAN**

- Secure direct Internet access for Cloud applications for improved latency and reduce WAN cost spending
- High-performance and cost-effective threat protection capabilities
- WAN Path Controller and Link Health Monitoring for better application performance
- Security Processor powered industry's best IPsec VPN and SSL Inspection performance
- Simplified Management and Zero-Touch deployment
Hardware

FortiGate 400E/401E

Network Processor
Fortinet’s new, breakthrough SPU NP6 network processor works inline with FortiOS functions delivering:
- Superior firewall performance for IPv4/IPv6, SCTP and multicast traffic with ultra-low latency down to 2 microseconds
- VPN, CAPWAP and IP tunnel acceleration
- Anomaly-based intrusion prevention, checksum offload, and packet defragmentation
- Traffic shaping and priority queuing

Content Processor
Fortinet’s new, breakthrough SPU CP9 content processor works outside of the direct flow of traffic and accelerates the inspection of computationally intensive security features:
- Enhanced IPS performance with unique capability of full signature matching at ASIC
- SSL Inspection capabilities based on the latest industry mandated cipher suites
- Encryption and decryption offloading

Interfaces
1. USB Ports
2. Console Port
3. 2x GE RJ45 MGMT/HA Ports
4. 16x GE RJ45 Ports
5. 16x GE SFP Slots

Powered by SPU
- Custom SPU processors deliver the power you need to detect malicious content at multi-Gigabit speeds
- Other security technologies cannot protect against today’s wide range of content- and connection-based threats because they rely on general-purpose CPUs, causing a dangerous performance gap
- SPU processors provide the performance needed to block emerging threats, meet rigorous third-party certifications, and ensure that your network security solution does not become a network bottleneck
Fortinet Security Fabric

Security Fabric
The Security Fabric delivers broad visibility, integrated AI-driven breach prevention, and automated operations, orchestration, and response across all Fortinet and its ecosystem deployments. It allows security to dynamically expand and adapt as more and more workloads and data are added. Security seamlessly follows and protects data, users, and applications as they move between IoT, devices, and cloud environments throughout the network. All this is tied together under a single pane of glass management to deliver leading security capabilities across your entire environment while also significantly reducing complexity.

FortiGates are the foundation of Security Fabric, expanding security via visibility and control by tightly integrating with other Fortinet security products and Fabric-Ready Partner solutions.

FortiOS
Control all security and networking capabilities across the entire FortiGate platform with one intuitive operating system. Reduce complexity, costs, and response time with a truly consolidated next-generation security platform.

- A truly consolidated platform with a single OS and pane-of-glass for all security and networking services across all FortiGate platforms.
- Industry-leading protection: NSS Labs Recommended, VB100, AV Comparatives, and ICSA validated security and performance. Ability to leverage latest technologies such as deception-based security.
- Control thousands of applications, block the latest exploits, and filter web traffic based on millions of real-time URL ratings in addition to true TLS 1.3 support.
- Prevent, detect, and mitigate advanced attacks automatically in minutes with integrated AI-driven breach prevention and advanced threat protection.
- Improved user experience with innovative SD-WAN capabilities and ability to detect, contain and isolate threats with Intent-based Segmentation.
- Utilize SPU hardware acceleration to boost security capability performance.

Services

FortiGuard™ Security Services
FortiGuard Labs offers real-time intelligence on the threat landscape, delivering comprehensive security updates across the full range of Fortinet’s solutions. Comprised of security threat researchers, engineers, and forensic specialists, the team collaborates with the world’s leading threat monitoring organizations and other network and security vendors, as well as law enforcement agencies.

FortiCare™ Support Services
Our FortiCare customer support team provides global technical support for all Fortinet products. With support staff in the Americas, Europe, Middle East, and Asia, FortiCare offers services to meet the needs of enterprises of all sizes.

For more information, please refer to forti.net/fortiguard and forti.net/forticare
Specifications

<table>
<thead>
<tr>
<th>Interfaces and Modules</th>
<th>FORTIGATE 400E</th>
<th>FORTIGATE 401E</th>
</tr>
</thead>
<tbody>
<tr>
<td>GE RJ45 Interfaces</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>GE SFP Slots</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GE RJ45 Management Ports</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USB Ports</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RJ45 Console Port</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local Storage</td>
<td>NIL</td>
<td>2x 240 GB SSD</td>
</tr>
<tr>
<td>Included Transceivers</td>
<td>2x SFP (SX 1 GE)</td>
<td></td>
</tr>
</tbody>
</table>

System Performance — Enterprise Traffic Mix

- IPS Throughput: 7.8 Gbps
- NGFW Throughput: 6 Gbps
- Threat Protection Throughput: 5 Gbps

System Performance and Capacity

- IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP): 32 / 32 / 24 Gbps
- IPv6 Firewall Throughput (1518 / 512 / 64 byte, UDP): 32 / 32 / 24 Gbps
- Firewall Latency (64 byte, UDP): 3 μs
- Firewall Throughput (Packet per Second): 4 MIPS
- Concurrent Sessions (TCP): 450,000
- New Sessions/Second (TCP): 10,000
- 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: 2,000
- SSL-VPN Throughput: 4.5 Gbps
- Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode): 5,000
- SSL Inspection Throughput (IPS, avg. HTTPS): 4.9 Gbps
- SSL Inspection DPI (IPS, avg. HTTPS): 1 Gbps
- SSL Inspection Concurrent Session (IPS, avg. HTTPS): 1 Gbps

Application Control Throughput (HTTP 64K): 12 Gbps
CAPWAP Throughput (1444 byte, UDP): 14.8 Gbps
Virtual Domains: 10,190
Maximum Number of FortiSwitches Supported: 32 / 256
Maximum Number of FortiNodes: 5,000
Maximum Number of Registered FortiClients: 100
High Availability Configurations: Active-Active, Active-Active, Active-Active

Dimensions and Power

- Height x Width x Length (inches): 1.75 x 17.0 x 15.0
- Height x Width x Length (mm): 44.45 x 432 x 380
- Weight: 16.4 lbs (7.4 kg)
- Power Consumption (Average / Maximum): 100 W / 214 W
- Power Source: 100–240V 50/60Hz
- Current (Maximum): 6A
- Heat Dissipation: 730 BTU/h
- Redundant Power Supplies (Hot Swappable): optional

Operating Environment and Certifications

- Operating Temperature: 32–104°F (0–40°C)
- Storage Temperature: -31–158°F (-35–70°C)
- Humidity: 10–80% non-condensing
- Noise Level: 48 dBA
- Operating Altitude: Up to 7,200 ft (2,250 m)
- FCC Part 15 Class A, C-Tick, VCCI, CE, UL60950-1, CB, IEC 60950-1, UL60950-1, CB
- ICSA Labs: Firewall, IPSec, IPS, Antivirus, SSL-VPN, USGv6/IPv6

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

1. IPSec VPN performance test uses AES256-SHA256.
2. IPS (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.
# Order Information

<table>
<thead>
<tr>
<th>Product</th>
<th>SKU</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FortiGate 400E</td>
<td>FG-400E</td>
<td>18x GE RJ45 ports (including 1x MGMT port, 1x HA port, 16x switch ports), 16x GE SFP slots, SPU NP6 and CP9 hardware accelerated.</td>
</tr>
<tr>
<td>FortiGate 401E</td>
<td>FG-401E</td>
<td>18x GE RJ45 ports (including 1x MGMT port, 1x HA port, 16x switch ports), 16x GE SFP slots, SPU NP6 and CP9 hardware accelerated, 2x 240 GB onboard SSD storage.</td>
</tr>
</tbody>
</table>

## Optional Accessories

<table>
<thead>
<tr>
<th>Option</th>
<th>SKU</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 GE SFP LX Transceiver Module</td>
<td>FG-TRAN-LX</td>
<td>1 GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots.</td>
</tr>
<tr>
<td>1 GE SFP RJ45 Transceiver Module</td>
<td>FG-TRAN-GC</td>
<td>1 GE SFP RJ45 transceiver module for all systems with SFP and SFP/SFP+ slots.</td>
</tr>
<tr>
<td>1 GE SFP SX Transceiver Module</td>
<td>FG-TRAN-SX</td>
<td>1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots.</td>
</tr>
</tbody>
</table>

## Bundles

FortiGuard Labs delivers a number of security intelligence services to augment the FortiGate firewall platform. You can easily optimize the protection capabilities of your FortiGate with one of these FortiGuard Bundles.

### Bundles

<table>
<thead>
<tr>
<th>Bundles</th>
<th>360 Protection</th>
<th>Enterprise Protection</th>
<th>UTM Protection</th>
<th>Threat Protection</th>
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</thead>
<tbody>
<tr>
<td>FortiGuard App Control Service</td>
<td>24x7</td>
<td>24x7</td>
<td>24x7</td>
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<tr>
<td>FortiGuard IPS Service</td>
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<td>FortiGuard Advanced Malware Protection (AMP)</td>
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<tr>
<td>FortiGuard Web Filtering Service</td>
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<td>FortiGuard Antivirus Service</td>
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<tr>
<td>FortiManager Cloud</td>
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<td>FortiManager Cloud</td>
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<tr>
<td>SD-WAN Cloud Assisted Monitoring</td>
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<tr>
<td>SD-WAN Overlay Controller VPN Service</td>
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<tr>
<td>FortiAnalyzer Cloud</td>
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</tbody>
</table>

1. 24x7 plus Advanced Services Ticket Handling 2. Available when running FortiOS 6.2