The FortiGate 60E-POE provides an application-centric, scalable and secure SD-WAN solution in a compact fanless desktop form factor for enterprise branch offices and mid-sized businesses. Protects against cyber threats with system-on-a-chip acceleration and industry-leading secure SD-WAN in a simple, affordable, and easy to deploy solution. Fortinet’s Security-Driven Networking approach provides tight integration of the network to the new generation of security.

**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
- Prevent and detect 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 for best-in-class security effectiveness and performance
- Received unparalleled third-party certifications from NSS Labs

**Networking**
- Delivers advanced networking capabilities that seamlessly integrate with advanced layer 7 security and virtual domains (VDOMs) to offer extensive deployment flexibility, multi-tenancy and effective utilization of resources
- Delivers high-density, flexible combination of various high-speed interfaces to enable best TCO for customers for data center and WAN deployments

**Management**
- Includes a management console that is effective, simple to use, and provides comprehensive network automation and visibility
- Provides Zero Touch Integration with Fortinet’s 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

<table>
<thead>
<tr>
<th>Firewall</th>
<th>IPS</th>
<th>NGFW</th>
<th>Threat Protection</th>
<th>Interfaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Gbps</td>
<td>400 Mbps</td>
<td>250 Mbps</td>
<td>200 Mbps</td>
<td>Multiple GE RJ45</td>
</tr>
</tbody>
</table>
DEPLOYMENT

Next Generation Firewall (NGFW)

- Reduce the complexity and maximize your ROI by integrating threat protection security capabilities into a single high-performance network security appliance, powered by Fortinet's Security Processing Unit (SPU)
- Full visibility into users, devices, applications across the entire attack surface and consistent security policy enforcement irrespective of asset location
- Protect against network exploitable vulnerabilities with industry-validated IPS that offers low latency and optimized network performance
- Automatically block threats on decrypted traffic using the industry's highest SSL inspection performance, including the latest TLS 1.3 standard with mandated ciphers
- Proactively block newly discovered sophisticated attacks in real-time with AI-powered FortiGuard Labs and advanced threat protection services included in the Fortinet Security Fabric

Secure SD-WAN

- Consistent business application performance with accurate detection, dynamic WAN path steering on any best-performing WAN transport
- Accelerated Multi-cloud access for faster SaaS adoption with cloud-on-ramp
- Self-healing networks with WAN edge high availability, sub-second traffic switchover-based and real-time bandwidth compute-based traffic steering
- Automated Overlay tunnels provides encryption and abstracts physical hybrid WAN making it simple to manage.
- Simplified and intuitive workflow with FortiManger for management and zero touch deployment
- Enhanced analytics both real-time and historical provides visibility into network performance and identify anomalies
- Strong security posture with next generation firewall and real-time threat protection
HARDWARE

FortiGate 60E-POE

Powered by SPU SoC3

- Combines a RISC-based CPU with Fortinet's proprietary SPU content and network processors for unmatched performance
- Simplifies appliance design and enables breakthrough performance for smaller networks
- Supports firewall acceleration across all packet sizes for maximum throughput
- Delivers accelerated UTM content processing for superior performance and protection
- Accelerates VPN performance for high speed and secure remote access

3G/4G WAN Connectivity

The FortiGate 60E-POE includes a USB port that allows you to plug in a compatible third-party 3G/4G USB modem, providing additional WAN connectivity or a redundant link for maximum reliability.

Compact and Reliable Form Factor

Designed for small environments, you can place it on a desktop or wall-mount it. It is small, lightweight yet highly reliable with superior MTBF (Mean Time Between Failure), minimizing the chance of a network disruption.

Hardware Features

Interfaces

1. USB Port
2. Console Port
3. 8x GE RJ45 PoE/+ Ports
4. 2x GE RJ45 WAN Ports
FORTINET SECURITY FABRIC

Security Fabric
The industry's highest-performing cybersecurity platform, powered by FortiOS, with a rich ecosystem designed to span the extended digital attack surface, delivering fully automated, self-healing network security.

- **Broad**: Coordinated detection and enforcement across the entire digital attack surface and lifecycle with converged networking and security across edges, clouds, endpoints and users
- **Integrated**: Integrated and unified security, operation, and performance across different technologies, location, deployment options, and the richest Ecosystem
- **Automated**: Context aware, self-healing network & security posture leveraging cloud-scale and advanced AI to automatically deliver near-real-time, user-to-application coordinated protection across the Fabric

The Fabric empowers organizations of any size to secure and simplify their hybrid infrastructure on the journey to digital innovation.

FortiOS™ Operating System
FortiOS, Fortinet’s leading operating system enable the convergence of high performing networking and security across the Fortinet Security Fabric delivering consistent and context-aware security posture across network endpoint, and clouds. The organically built best of breed capabilities and unified approach allows organizations to run their businesses without compromising performance or protection, supports seamless scalability, and simplifies innovation consumption.

The release of FortiOS 7 dramatically expands the Fortinet Security Fabric's ability to deliver consistent security across hybrid deployment models consisting on appliances, software and As-a-Service with SASE, ZTNA and other emerging cybersecurity solutions.

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™ Services
Fortinet is dedicated to helping our customers succeed, and every year FortiCare services help thousands of organizations get the most from their Fortinet Security Fabric solution. We have more than 1000 experts to help accelerate technology implementation, provide reliable assistance through advanced support, and offer proactive care to maximize security and performance of Fortinet deployments.
## SPECIFICATIONS

### Hardware Specifications

<table>
<thead>
<tr>
<th>FORTIGATE 60E-POE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GE RJ45 WAN / DMZ Ports</td>
<td>2</td>
</tr>
<tr>
<td>GE RJ45 Internal Ports</td>
<td>–</td>
</tr>
<tr>
<td>GE RJ45 PoE/+ Ports</td>
<td>8</td>
</tr>
<tr>
<td>Wireless Interface</td>
<td>–</td>
</tr>
<tr>
<td>USB Ports</td>
<td>1</td>
</tr>
<tr>
<td>Console (RJ45)</td>
<td>1</td>
</tr>
</tbody>
</table>

### Internal Storage

- **System Performance — Enterprise Traffic Mix**
  - IPS Throughput: 400 Mbps
  - NGFW Throughput: 250 Mbps
  - Threat Protection Throughput: 200 Mbps

### System Performance

- **Firewall Throughput (1518 / 512 / 64 byte UDP packets)**: 3 / 3 / 3 Gbps
- **Firewall Latency (64 byte UDP packets)**: 3 μs
- **Firewall Throughput (Packets Per Second)**: 50,000
- **New Sessions/Second (TCP)**: 1.3 Million
- **IPsec VPN Throughput (512 byte)**: 2 Gbps
- **Gateway-to-Gateway IPsec VPN Tunnels**: 200
- **Client-to-Gateway IPsec VPN Tunnels**: 500
- **SSL-VPN Throughput**: 150 Mbps
- **Concurrent SSL-VPN Users**: 200
- **SSL Inspection Throughput (IPS, avg. HTTPS)**: 135 Mbps
- **SSL Inspection CPS (IPS, avg. HTTPS)**: 15
- **SSL Inspection Concurrent Session (IPS, avg. HTTPS)**: 75,000
- **Application Control Throughput (HTTP 64K)**: 650 Mbps
- **CAPWAP Throughput (HTTP 64K)**: 890 Mbps
- **Virtual Domains (Default / Maximum)**: 10 / 10
- **Maximum Number of FortiSwitches Supported**: 16
- **Maximum Number of FortiAPs (Total / Tunnel Mode)**: 30 / 10
- **Maximum Number of FortiTokens**: 500

### High Availability Configurations

- Active-Active, Active-Passive, Clustering

### Dimensions

- **Height x Width x Length (inches)**: 1.5 x 8.5 x 6.3
- **Height x Width x Length (mm)**: 38 x 216 x 160

### Notes

1. IPS/VPN performance value 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.
SPECIFICATIONS

<table>
<thead>
<tr>
<th>Operating Environment and Certifications</th>
<th>FORTIGATE 60E-POE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Rating</td>
<td>12V DC, 7A</td>
</tr>
<tr>
<td>Power Required</td>
<td>Powered by External DC Power Adapter, 100–240V AC, 50–60 Hz</td>
</tr>
<tr>
<td>Maximum Current</td>
<td>0.8A</td>
</tr>
<tr>
<td>Total Available PoE Power Budget*</td>
<td>75 W</td>
</tr>
<tr>
<td>Power Consumption (Average / Maximum)</td>
<td>20 / 95 W</td>
</tr>
<tr>
<td>Heat Dissipation</td>
<td>324 BTU/h</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>32–104°F (0–40°C)</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-31–158°F (-35–70°C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>10–90% non-condensing</td>
</tr>
<tr>
<td>Noise Level</td>
<td>Fanless 0 dBA</td>
</tr>
<tr>
<td>Operating Altitude</td>
<td>Up to 7400 ft (2250 m)</td>
</tr>
<tr>
<td>Compliance</td>
<td>FCC, ICES, CE, RCM, VCCI, BSMI, UL/cUL, CB</td>
</tr>
<tr>
<td>Certifications</td>
<td>ICSA Labs Firewall, IPsec, IPS, Antivirus, SSL-VPN</td>
</tr>
</tbody>
</table>

* Maximum loading on each PoE+/ port is 30 W (802.3at).

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Product</th>
<th>SKU</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FortiGate 60E-POE</td>
<td>FG-60E-POE</td>
<td>10x GE RJ45 ports (including 8x PoE/PoE+ ports, 2x WAN ports)</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.

<table>
<thead>
<tr>
<th>Bundles</th>
<th>Enterprise Protection</th>
<th>SMB Protection</th>
<th>Unified Threat Protection</th>
<th>Advanced Threat Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>FortiCare</td>
<td>24x7</td>
<td>24x7</td>
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<tr>
<td>FortiGuard App Control Service</td>
<td>*</td>
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<tr>
<td>FortiGuard Advanced Malware Protection (AMP) — Antivirus, Mobile Malware, Botnet, CDR, Virus Outbreak Protection and FortiSandbox Cloud Service</td>
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<tr>
<td>FortiGuard Web and Video Filtering Service</td>
<td>*</td>
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<tr>
<td>FortiGuard Antispam Service</td>
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<td>FortiGuard Security Rating Service</td>
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<tr>
<td>FortiGuard IoT Detection Service</td>
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<tr>
<td>FortiGuard Industrial Service</td>
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<tr>
<td>FortiConverter Service</td>
<td>*</td>
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<tr>
<td>FortiGate Cloud Subscription</td>
<td>*</td>
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</tbody>
</table>

1. Available when running FortiOS 7.0