DATA SHEET

# FortiWeb™

FortiWeb 100D, 400D, 600D, 1000D, 1000E, 2000E, 3000E, 3010E, 4000E, VM and Container

FortiWeb is a web application firewall (WAF) that protects hosted web applications from attacks that target known and unknown exploits. Using AI-enhanced multi-layer and correlated detection methods, FortiWeb defends applications from known vulnerabilities and from zero-day threats.
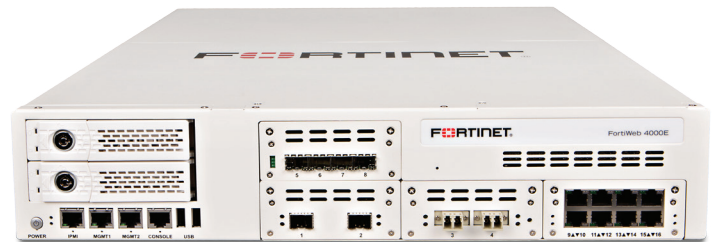
### Acceleration and Performance

Multi-core processor technology combined with hardware-based SSL tools deliver blazing fast protected WAF throughput.

### Application Protection

Protection from the OWASP Top Ten application attacks including Cross Site Scripting and SQL Injection.

### AI-based Machine Learning Threat Detection

Dual-layer machine learning engines are employed to detect application request anomalies and determine if they are threats.

## Highlights

- Correlated threat detection with AI-based behavioral scanning
- Up to 20 Gbps protected WAF throughput
- Enhanced protection with Fortinet Security Fabric integration
- Visual analytics tools for advanced threat insights
- Third-party integration and virtual patching

**FortiCare Worldwide 24/7 Support**
support.fortinet.com

**FortiGuard Security Services**
www.fortiguard.com

**Third-Party Certification**
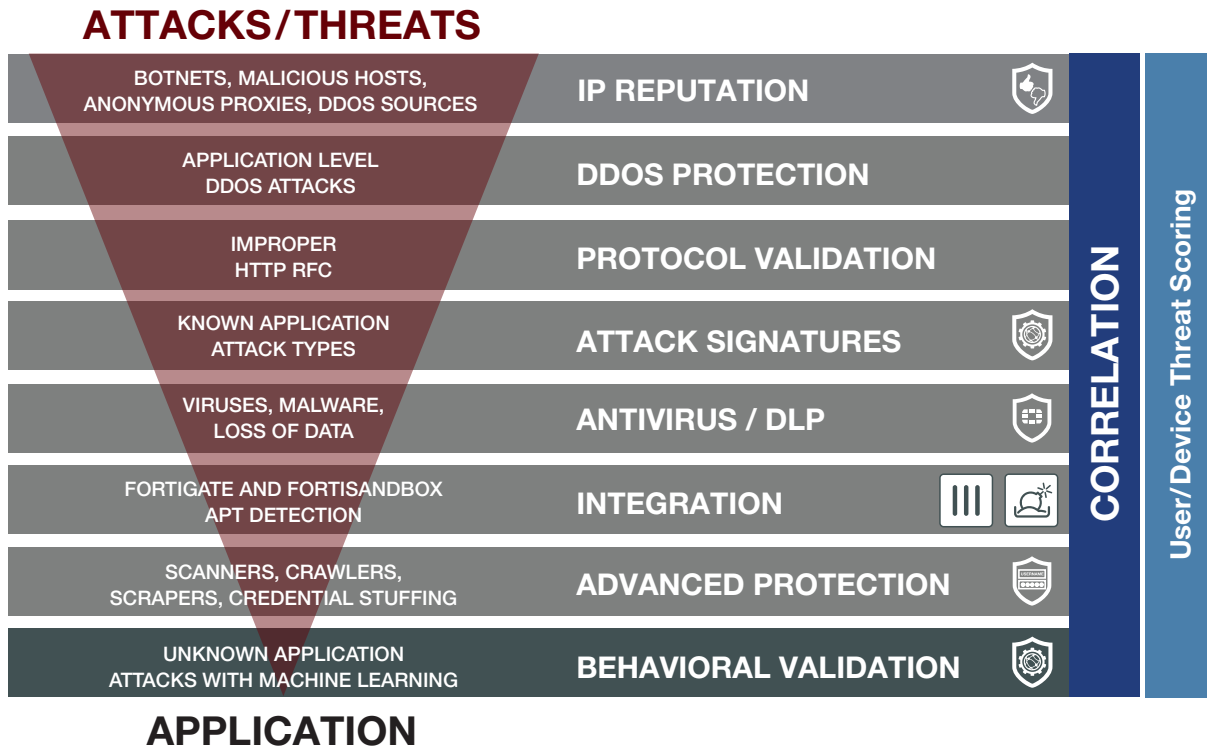
ICSA labs
CERTIFIED WEB APPLICATION FIREWALL

# Highlights

## Comprehensive Web Application Security with FortiWeb

Using an advanced multi-layered and correlated approach, FortiWeb provides complete security for your external and internal web-based applications from the OWASP Top 10 and many other threats. At the heart of FortiWeb is AI-based detection engine that uses machine learning to identify requests that stray from normal patterns and takes action to protect applications from known and unknown zero-day threats.

## ATTACKS/THREATS

| | | |
|---|---|---|
| BOTNETS, MALICIOUS HOSTS, ANONYMOUS PROXIES, DDOS SOURCES | **IP REPUTATION** | |
| APPLICATION LEVEL DDOS ATTACKS | **DDOS PROTECTION** | |
| IMPROPER HTTP RFC | **PROTOCOL VALIDATION** | |
| KNOWN APPLICATION ATTACK TYPES | **ATTACK SIGNATURES** | |
| VIRUSES, MALWARE, LOSS OF DATA | **ANTIVIRUS / DLP** | |
| FORTIGATE AND FORTISANDBOX APT DETECTION | **INTEGRATION** | |
| SCANNERS, CRAWLERS, SCRAPERS, CREDENTIAL STUFFING | **ADVANCED PROTECTION** | |
| UNKNOWN APPLICATION ATTACKS WITH MACHINE LEARNING | **BEHAVIORAL VALIDATION** | |

**CORRELATION**

**User/Device Threat Scoring**

## APPLICATION

**FortiWeb's layered and correlated approach to threat detection provides protection from known and unknown zero-day threats that target application vulnerabilities.**

## Dual-Layer Machine Learning Powered by FortiGuard Labs

Although Web Application Firewalls are the best defense against attacks that target web-based applications, WAFs can be tedious and time-consuming to fine tune to prevent unwanted false positive detections. FortiWeb solves this challenge using an AI-based machine learning approach that employs two separate detection engines.
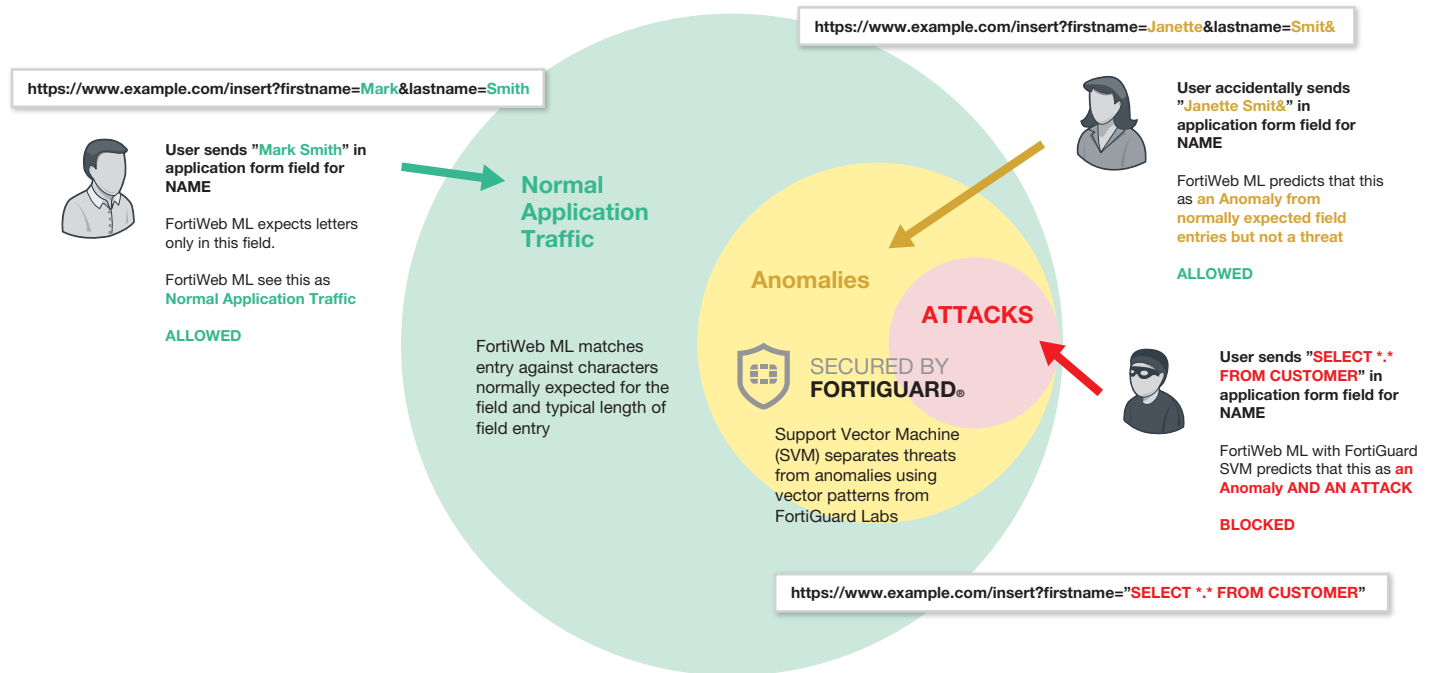
The first automatically and dynamically monitors all application elements for activity that strays from predicted entries. If this first engine flags what it determines is an anomaly, it is then sent to the second machine learning layer to assess if it is a threat or simply a benign variance such as a typo or new character that hasn't been seen previously. If it is an attack, then FortiWeb can take actions such as logging, alerting and/or blocking the request. The second machine learning layer uses threat models that are included as part of the FortiWeb solution and are updated with the FortiGuard WAF Security Service to provide protection from new threats that require model retraining and testing.

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# Highlights

FortiWeb's machine learning accurately detects anomalies and more importantly identifies which are threats. Unlike prevailing auto-learning detection models used by other WAF vendors that treat every anomaly as a threat, FortiWeb's precision nearly eliminates false positive detections and catches attack types that others can't.



https://www.example.com/insert?firstname=Janette&lastname=Smit&

**User accidentally sends "Janette Smit&"** in application form field for NAME

FortiWeb ML predicts that this as **an Anomaly from normally expected field entries but not a threat**

**ALLOWED**

https://www.example.com/insert?firstname=Mark&lastname=Smith

**User sends "Mark Smith"** in application form field for NAME

FortiWeb ML expects letters only in this field.

FortiWeb ML see this as **Normal Application Traffic**

**ALLOWED**

**Normal Application Traffic**

FortiWeb ML matches entry against characters normally expected for the field and typical length of field entry

**Anomalies**

**ATTACKS**

SECURED BY **FORTIGUARD**®

Support Vector Machine (SVM) separates threats from anomalies using vector patterns from FortiGuard Labs

**User sends "SELECT *.* FROM CUSTOMER"** in application form field for NAME

FortiWeb ML with FortiGuard SVM predicts that this as **an Anomaly AND AN ATTACK**

**BLOCKED**

https://www.example.com/insert?firstname="SELECT *.* FROM CUSTOMER"
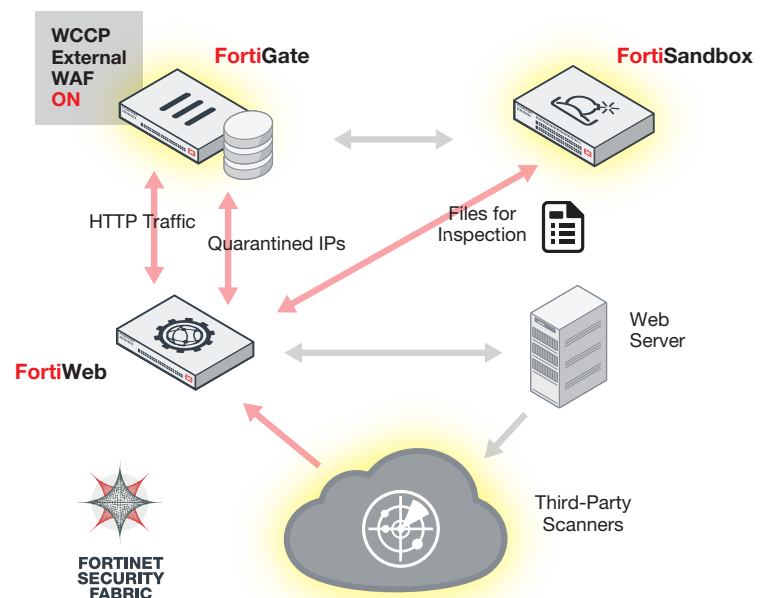
FortiWeb's AI-based machine learning evaluates application requests to determine if they are normal, benign anomalies, or anomalies that are threats.

## Deep Integration into the Fortinet Security Fabric and Third-Party Scanners

As the threat landscape evolves, many new threats require a multi-pronged approach for protecting web-based applications. Advanced Persistent Threats that target users can take many different forms than traditional single-vector attack types and can evade protections offered only by a single device. FortiWeb's integration with FortiGate and FortiSandbox extend basic WAF protections through synchronization and sharing of threat information to both deeply scan suspicious files and share infected internal sources.

FortiWeb also provides integration with leading third-party vulnerability scanners including Acunetix, HP WebInspect, IBM AppScan, Qualys, IBM QRadar, and WhiteHat to provide dynamic virtual patches to security issues in application environments. Vulnerabilities found by the scanner are quickly and automatically turned into security rules by FortiWeb to protect the application until developers can address them in the application code.



WCCP External WAF **ON**

**Forti**Gate

**Forti**Sandbox

HTTP Traffic

Quarantined IPs

Files for Inspection

**Forti**Web

Web Server

FORTINET SECURITY FABRIC

Third-Party Scanners

Integration with other Fortinet Security Fabric elements, including FortiGate and FortiSandbox, delivers APT protection and extends vulnerability scanning with leading third-party providers.

# Highlights

## Solving the Challenge of False Threat Detections

False positive threat detections can be very disruptive and force many administrators to loosen security rules on their web application firewalls to the point where many often become a monitoring tool rather than a trusted threat avoidance platform. The installation of a WAF may take only minutes, however fine-tuning can take days, or even weeks. Even after setup, a WAF can require regular checkups and tweaks as applications and the environment change.

FortiWeb's AI-based machine learning addresses false positive and negative threat detections without the need to tediously manage whitelists and fine-tune threat detection policies. With near 100% accuracy, the dual layer machine learning engines detect anomalies and then determine if they are threats unlike other methods that block all anomalies regardless of their intent. When combined with other tools, including user tracking, device fingerprinting, and threat weighting, FortiWeb virtually eliminates all false detection scenarios.

## API Security

The use of APIs has become increasingly popular in recent years to help speed application delivery and to provide simplified application-to-application accessibility. As APIs are part of many applications, they have become a new vector for application layer attacks and exploits, similar to traditional web-based applications.

FortiWeb provides an easy-to-deploy solution to protect your API with attack signatures, parameter enforcement and many other tools. With FortiWeb you can easily publish your applications and their APIs knowing they are both protected.

## Advanced Graphical Analysis and Reporting

FortiWeb includes a suite of graphical analysis tools called FortiView. Similar to other Fortinet products such as FortiGate, FortiWeb gives administrators the ability to visualize and drill-down into key elements of FortiWeb such as server/IP configurations, attack and traffic logs, attack maps, OWASP Top 10 attack categorization, and user activity. FortiView for FortiWeb lets administrators quickly identify suspicious activity in real time and address critical use cases such as origin of threats, common violations, and client/device risks.

## Secured by FortiGuard

Fortinet's Award-winning FortiGuard Labs is the backbone for many of FortiWeb's layers in its approach to application security. Offered as 5 separate options, you can choose the FortiGuard services you need to protect your web applications. FortiWeb IP Reputation service protects you from known attack sources like botnets, spammers, anonymous proxies, and sources known to be infected with malicious software. FortiWeb Security Service is designed just for FortiWeb including items such as application layer signatures, machine learning threat models, malicious robots, suspicious URL patterns and web vulnerability scanner updates. Credential Stuffing Defense checks login attempts against FortiGuard's list of compromised credentials and can take actions ranging from alerts to blocking logins from suspected stolen user ids and passwords. The FortiSandbox Cloud subscription enables FortiWeb to integrate with Fortinet's cloud-sandbox service. Finally, FortiWeb offers FortiGuard's top-rated antivirus engine that scans all file uploads for threats that can infect your servers or other network elements.

## VM and Public Cloud Options

FortiWeb provides maximum flexibility in supporting your virtual and hybrid environments. The virtual versions of FortiWeb support all the same features as our hardware-based devices and can be deployed in VMware, Microsoft Hyper-V, Citrix XenServer, Open Source Xen, VirtualBox, KVM and Docker platforms. FortiWeb is also available for Amazon Web Services, Microsoft Azure, Google Cloud and Oracle Cloud.



FortiView for FortiWeb

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# Features

## Deployment options
- Reverse Proxy
- Inline Transparent
- True Transparent Proxy
- Offline Sniffing
- WCCP

## Web Security
- AI-based Machine Learning
- Automatic profiling (white list)
- Web server and application signatures (black list)
- IP Reputation
- IP Geolocation
- HTTP RFC compliance
- Native support for HTTP/2
- OpenAPI 3.0 verification
- WebSocket protection and signature enforcement
- Man in the Brower (MiTB) protection

## Application Attack Protection
- OWASP Top 10
- Cross Site Scripting
- SQL Injection
- Cross Site Request Forgery
- Session Hijacking
- Built-in Vulnerability Scanner
- Third-party scanner integration (virtual patching)
- File upload scanning with AV and sandbox

## Security Services
- Web services signatures
- XML and JSON protocol conformance
- Malware detection
- Virtual patching
- Protocol validation
- Brute force protection
- Cookie signing and encryption
- Threat scoring and weighting
- Syntax-based SQLi detection
- HTTP Header Security
- Custom error message and error code handling
- Operating system intrusion signatures
- Known threat and zero-day attack protection
- L4 Stateful Network Firewall
- DoS prevention
- Advanced correlation protection using multiple security elements
- Data leak prevention
- Web Defacement Protection

## Application Delivery
- Layer 7 server load balancing
- URL Rewriting
- Content Routing
- HTTPS/SSL Offloading
- HTTP Compression
- Caching

## Authentication
- Active and passive authentication
- Site Publishing and SSO
- RSA Access for 2-factor authentication
- LDAP, RADIUS, and SAML support
- SSL client certificate support
- CAPTCHA and Real Browser Enforcement (RBE)

## Management and Reporting
- Web user interface
- Command line interface
- FortiView graphical analysis and reporting tools
- Central management for multiple FortiWeb devices
- Active/Active HA Clustering
- REST API
- Centralized logging and reporting
- User/device tracking
- Real-time dashboards
- Bot dashboard
- OWASP Top 10 attack categorization
- Geo IP Analytics
- SNMP, Syslog and Email Logging/Monitoring
- Administrative Domains with full RBAC

## Other
- IPv6 Ready
- HTTP/2 to HTTP 1.1 translation
- HSM Integration
- Seamless PKI integration
- Attachment scanning for ActiveSync/MAPI applications, OWA, and FTP
- High Availability with Config-sync for syncing across multiple active appliances
- Auto setup and default configuration settings for simplified deployment
- Setup Wizards for common applications and databases
- Preconfigured for common Microsoft applications; Exchange, SharePoint, OWA
- OpenStack support for FortiWeb VMs
- Predefined security policies for Drupal and Wordpress applications
- WebSockets support

# Specifications

| | FORTIWEB 100D | FORTIWEB 400D | FORTIWEB 600D | FORTIWEB 1000D | FORTIWEB 1000E |
|---|---|---|---|---|---|
| **Hardware** | | | | | |
| 10/100/1000 Interfaces (RJ-45 ports) | 4 | 4 GE RJ45, 4 SFP GE | 4 GE RJ45 (2 bypass), 4 SFP GE | 6 (4 bypass), 2x SFP GE (non-bypass) | 6 (4 bypass), 4x SFP GE (non-bypass) |
| 10G BASE-SR SFP+ Ports | 0 | 0 | 0 | 0 | 2 |
| SSL/TLS Processing | Software | Software | Software | Hardware | Hardware |
| USB Interfaces | 2 | 2 | 2 | 2 | 2 |
| Storage | 16 GB | 240 GB SSD | 240 GB SSD | 2x 2 TB | 2x 1 TB |
| Form Factor | Desktop | 1U | 1U | 2U | 2U |
| Power Supply | Single | Single | Dual | Dual Hot Swappable | Dual Hot Swappable |
| **System Performance** | | | | | |
| Throughput | 25 Mbps | 100 Mbps | 250 Mbps | 1 Gbps | 1.3 Gbps |
| Latency | Sub-ms | Sub-ms | Sub-ms | Sub-ms | Sub-ms |
| High Availability | Active/Passive, Active/Active Clustering | Active/Passive, Active/Active Clustering | Active/Passive, Active/Active Clustering | Active/Passive, Active/Active Clustering | Active/Passive, Active/Active Clustering |
| Application Licenses | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited |
| Administrative Domains | 0 | 32 | 32 | 64 | 64 |

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

| | | | | | |
|---|---|---|---|---|---|
| **Dimensions** | | | | | |
| Height x Width x Length (inches) | 1.61 x 8.27 x 5.24 | 1.73 x 17.24 x 16.38 | 1.73 x 17.24 x 16.38 | 3.50 x 17.24 x 14.49 | 3.46 x 16.93 x 19.73 |
| Height x Width x Length (mm) | 41 x 210 x 133 | 44 x 438 x 416 | 44 x 438 x 416 | 88 x 438 x 368 | 88 x 430 x 501.20 |
| Weight | 2.3 lbs  (1.1 kg) | 22 lbs  (9.97 kg) | 22 lbs  (9.97 kg) | 27.6 lbs  (12.5 kg) | 28 lbs  (12.8 kg) |
| Rack Mountable | Optional | Yes | Yes | Yes, with flanges | Yes, with flanges |
| **Environment** | | | | | |
| Power Required | 100–240V AC, 50–60 Hz | 100–240V AC, 50–60 Hz | 100–240V AC, 50–60 Hz | 100–240V AC, 50–60 Hz | 100–240V AC, 50–60 Hz |
| Maximum Current | 110V/1.2A, 220V/1.2A | 100V/5A, 240V/3A | 100V/5A, 240V/3A | 100V/5A, 240V/3A | 100V/5A, 240V/3A |
| Power Consumption (Average) | 18 W | 109 W | 109 W | 115 W | 140 W |
| Heat Dissipation | 74 BTU/h | 446.3 BTU/h | 446.3 BTU/h | 471 BTU/h | 471 BTU/h |
| Operating Temperature | 32–104°F  (0–40°C) | 32–104°F  (0–40°C) | 32–104°F  (0–40°C) | 32–104°F  (0–40°C) | 32–104°F  (0–40°C) |
| Storage Temperature | -13–158°F  (-25–70°C) | -13–158°F  (-25–70°C) | -13–158°F  (-25–70°C) | -13–158°F  (-25–70°C) | -4–158°F  (-20–70°C) |
| Humidity | 10–90% non-condensing | 10–90% non-condensing | 10–90% non-condensing | 5–95% non-condensing | 5–90% non-condensing |
| **Compliance** | | | | | |
| Safety Certifications | FCC Class A Part 15, C-Tick, VCCI, CE, UL/cUL, CB | FCC Class A Part 15, C-Tick, VCCI, CE, UL/CB/cUL | FCC Class A Part 15, C-Tick, VCCI, CE, UL/CB/cUL | FCC Class A Part 15, C-Tick, VCCI, CE, UL/CB/cUL | FCC Class A Part 15, C-Tick, VCCI, CE, UL/CB/cUL |



FortiWeb 100D



FortiWeb 400D



FortiWeb 600D



FortiWeb 1000D



FortiWeb 1000E

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# Specifications

| | FORTIWEB 2000E | FORTIWEB 3000E | FORTIWEB 3010E | FORTIWEB 4000E |
|---|---|---|---|---|
| **Hardware** | | | | |
| 10/100/1000 Interfaces (RJ45 ports) | 4 bypass, 4 SFP GE (non-bypass) | 8 bypass, 4 SFP GE (non-bypass) | 8 bypass, 4 SFP GE (non-bypass) | 8 bypass, 4 SFP GE (non-bypass) |
| 10G BASE-SR SFP+ Ports | 2 | 4 | 4 (2 bypass) | 4 (2 bypass) |
| SSL/TLS Processing | Hardware | Hardware | Hardware | Hardware |
| USB Interfaces | 2 | 2 | 2 | 2 |
| Storage | 2x 1 TB | 2x 2 TB | 2x 2 TB | 2x 2 TB |
| Form Factor | 2U | 2U | 2U | 2U |
| Power Supply | Dual Hot Swappable | Dual Hot Swappable | Dual Hot Swappable | Dual Hot Swappable |
| **System Performance** | | | | |
| Throughput | 2.5 Gbps | 5 Gbps | 5 Gbps | 20 Gbps |
| Latency | Sub-ms | Sub-ms | Sub-ms | Sub-ms |
| High Availability | Active/Passive, Active/Active Clustering | Active/Passive, Active/Active Clustering | Active/Passive, Active/Active Clustering | Active/Passive, Active/Active Clustering |
| Application Licenses | Unlimited | Unlimited | Unlimited | Unlimited |
| Administrative Domains | 64 | 64 | 64 | 64 |

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

| | FORTIWEB 2000E | FORTIWEB 3000E | FORTIWEB 3010E | FORTIWEB 4000E |
|---|---|---|---|---|
| **Dimensions** | | | | |
| Height x Width x Length (inches) | 3.5 x 17.2 x 20.8 | 3.5 x 17.5 x 22.6 | 3.5 x 17.5 x 22.6 | 3.5 x 17.5 x 22.6 |
| Height x Width x Length (mm) | 88 x 438 x 530 | 88 x 444 x 574 | 88 x 444 x 574 | 88 x 444 x 574 |
| Weight | 33 lbs (15 kg) | 56.2 lbs (22.5 kg) | 56.2 lbs (22.5 kg) | 56.2 lbs (22.5 kg) |
| Rack Mountable | Yes | Yes | Yes | Yes |
| **Environment** | | | | |
| Power Required | 100–240V AC, 60–50 Hz | 100–240V AC, 60–50 Hz | 100–240V AC, 60–50 Hz | 100–240V AC, 60–50 Hz |
| Maximum Current | 120V/6A, 240V/3A | 120V/2.6A, 240V/1.3A | 120V/2.6A, 240V/1.3A | 120V/3A, 240V/1.5A |
| Power Consumption (Average) | 200 W | 200 W | 200 W | 248.5 W |
| Heat Dissipation | 1433 BTU/h | 1045.5 BTU/h | 1045.5 BTU/h | 1219.8 BTU/h |
| Operating Temperature | 32–104°F (0–40°C) | 32–104°F (0–40°C) | 32–104°F (0–40°C) | 32–104°F (0–40°C) |
| Storage Temperature | -13–158°F (-25–70°C) | -13–158°F (-25–70°C) | -13–158°F (-25–70°C) | -13–158°F (-25–70°C) |
| Humidity | 5–95% non-condensing | 5–95% non-condensing | 5–95% non-condensing | 5–95% non-condensing |
| **Compliance** | | | | |
| Safety Certifications | FCC Class A Part 15, C-Tick, VCCI, CE, UL/CB/cUL | FCC Class A Part 15, C-Tick, VCCI, CE, UL/CB/cUL | FCC Class A Part 15, C-Tick, VCCI, CE, UL/CB/cUL, | FCC Class A Part 15, C-Tick, VCCI, CE, UL/CB/cUL, |

FortiWeb 2000E
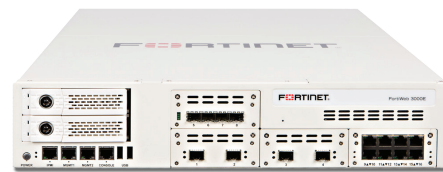
FortiWeb 3000E

FortiWeb 3010E

FortiWeb 4000E

# Specifications

| VIRTUAL MACHINES | FORTIWEB-VM (1 VCPU) | FORTIWEB-VM (2 VCPU) | FORTIWEB-VM (4 VCPU) | FORTIWEB-VM (8 VCPU) |
|---|---|---|---|---|
| **System Performance** | | | | |
| HTTP Throughput | 25 Mbps | 100 Mbps | 500 Mbps | 2 Gbps |
| Application Licenses | Unlimited | Unlimited | Unlimited | Unlimited |
| Administrative Domains | 4 to 64 based on the amount of memory allocated | | | |
| **Virtual Machine** | | | | |
| Hypervisor Support | VMware, Microsoft Hyper-V, Citrix XenServer, Open Source Xen, VirtualBox, KVM, Amazon Web Services (AWS), Microsoft Azure, Google Cloud, and Oracle Cloud. Please see FortiWeb VM Installation Guide for versions supported. | | | |
| vCPU Support (Minimum / Maximum) | 1 | 2 | 2 / 4 | 2 / 8 |
| Network Interface Support (Minimum / Maximum) | 1 / 10 | 1 / 10 | 1 / 10 | 1 / 10 |
| Storage Support (Minimum / Maximum) | 40 GB / 2 TB | 40 GB / 2 TB | 40 GB / 2 TB | 40 GB / 2 TB |
| Memory Support (Minimum / Maximum) | 1,024 MB / Unlimited for 64-bit | 1,024 MB / Unlimited for 64-bit | 1,024 MB / Unlimited for 64-bit | 1,024 MB / Unlimited for 64-bit |
| Recommended Memory | 4 GB | 4 GB | 4 GB | 4 GB |
| High Availability Support | Yes | Yes | Yes | Yes |

Actual performance values may vary depending on the network traffic and system configuration. Performance metrics were observed using a Dell PowerEdge R710 server (2x Intel Xeon E5504 2.0 GHz 4 MB Cache) running VMware ESXi 5.5 with 4 GB of vRAM assigned to the 4 vCPU and 8 vCPU FortiWeb Virtual Appliance and 4 GB of vRAM assigned to the 2 vCPU FortiWeb Virtual Appliance.

| CONTAINER APPLIANCES | FORTIWEB-VMC01 | FORTIWEB-VMC02 | FORTIWEB-VMC04 | FORTIWEB-VMC08 |
|---|---|---|---|---|
| **System Performance** | | | | |
| HTTP Throughput (Maximum) | 25 Mbps | 100 Mbps | 500 Mbps | 2 Gbps |
| Application Licenses | Unlimited | Unlimited | Unlimited | Unlimited |
| Administrative Domains | 4 to 64 based on the amount of memory allocated | | | |
| **Virtual Appliance** | | | | |
| Container Manager Support | Docker | | | |
| Network Interface Support (Minimum / Maximum) | 1 / 10 | 1 / 10 | 1 / 10 | 1 / 10 |
| Storage Support (Minimum / Maximum) | 30 GB / 500 GB | 30 GB / 500 GB | 30 GB / 500 GB | 30 GB / 500 GB |
| Memory Support (Minimum) | 4 GB | 4 GB | 4 GB | 4 GB |
| Recommended Memory | 4 GB | 4 GB | 4 GB | 4 GB |
| High Availability Support | No | No | No | No |

Throughputs and other metrics are maximum values permitted for each version. Actual performance values may vary depending on the network traffic and system configuration.

# Order Information

| Product | SKU | Description |
|---|---|---|
| FortiWeb 100D | FWB-100D | Web Application Firewall — 4x GE RJ45 ports, 16 GB storage. |
| FortiWeb 400D | FWB-400D | Web Application Firewall — 4x GE RJ45 ports, 4x GE SFP ports, 240 GB SSD storage. |
| FortiWeb 600D | FWB-600D | Web Application Firewall — 4x GE RJ45 ports (2x bypass), 4x GE SFP ports, 240 GB SSD storage. |
| FortiWeb 1000D | FWB-1000D | Web Application Firewall — 2x GE SFP slots, 6x GE RJ45 ports (includes 4x bypass ports), dual AC power supplies, 2 TB storage. |
| FortiWeb 1000E | FWB-1000E | Web Application Firewall — 2x 10 GE SFP+ ports, 2x GE RJ45 ports, 4x GE RJ45 bypass ports, 4x GE SFP ports, dual AC power supplies, 2 TB storage. |
| FortiWeb 2000E | FWB-2000E | Web Application Firewall — 2x 10 GE SFP+ ports, 4x GE RJ45 bypass ports, 4x GE SFP ports, dual AC power supplies, 2 TB storage. |
| FortiWeb 3000E | FWB-3000E | Web Application Firewall — 4x 10 GE SFP+ ports, 8x GE RJ45 bypass ports, 4x GE SFP ports, dual AC power supplies, 2x 2 TB storage. |
| FortiWeb 3010E | FWB-3010E | Web Application Firewall — 8x GE RJ45 bypass ports, 4x GE SFP ports, 2x 10G SFP+ bypass ports, 2x 10G SFP+ ports, dual AC power supplies, 2x 2 TB HDD storage. |
| FortiWeb 4000E | FWB-4000E | Web Application Firewall — 8x GE RJ45 bypass ports, 4x GE SFP ports, 2x 10G SFP+ bypass ports, 2x 10G SFP+ ports, dual AC power supplies, 2x 2 TB HDD storage. |
| FortiWeb-VM01 | FWB-VM01 | FortiWeb-VM, up to 1 vCPU supported. 64-bit OS. |
| FortiWeb-VM02 | FWB-VM02 | FortiWeb-VM, up to 2 vCPUs supported. 64-bit OS. |
| FortiWeb-VM04 | FWB-VM04 | FortiWeb-VM, up to 4 vCPUs supported. 64-bit OS. |
| FortiWeb-VM08 | FWB-VM08 | FortiWeb-VM, up to 8 vCPUs supported. 64-bit OS. |
| FortiWeb-VMC01 | FWB-VMC01 | FWB-VMC01 for container-based environments. Up to 25 Mbps throughput. |
| FortiWeb-VMC02 | FWB-VMC02 | FWB-VMC02 for container-based environments. Up to 100 Mbps throughput. |
| FortiWeb-VMC04 | FWB-VMC04 | FWB-VMC04 for container-based environments. Up to 500 Mbps throughput. |
| FortiWeb-VMC08 | FWB-VMC08 | FWB-VMC08 for container-based environments. Up to 2 Gbps throughput. |

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# Order Information

| Product | SKU | Description |
| --- | --- | --- |
| Central Manager 10 | FWB-CM-BASE | FortiWeb Central Manager license key, manage up to 10 FortiWeb devices, VMware vSphere. |
| Central Manager Unlimited | FWB-CM-UL | FortiWeb Central Manager license key, manage unlimited number of FortiWeb devices, VMware vSphere. |

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