

FORTINET HIGH SECURITY

FortiGate Hardware Included Features

FortiGate next-generation firewalls (NGFW) combine artificial intelligence (AI)-powered security and machine learning (ML) to deliver threat protection at any scale. Get deeper visibility into your network and see applications, users, and devices before they become threats. Powered by Fortinet ASIC technology (dedicated hardware processors purpose built for specific tasks) FortiGate NGFWs accelerate packet forwarding and VPN encryption/decryption, enhance deep packet inspection, and antivirus scanning, all while providing wire-speed threat detection thereby reducing latency and improving throughput.

FortiCare Features

Fortinet firewalls are the industry-leading choice for enterprise network protection, and as the threat landscape is constantly evolving, it is imperative that each firewall maintain updated firmware and security patches. A continuously active FortiCare subscription is required for all firewalls to ensure that each appliance remains eligible to receive the latest software updates, security patches, and support services applicable to its specific model. In addition, the hardware warranty for each appliance remains in effect while it is covered by an active FortiCare subscription. FortiCare services are available as a standalone Essentials subscription or are included with FortiGuard ATP and Secure subscription bundles

FortiGate Cloud included Features

FortiGate Cloud is a cloud-based service offering simplified management, security analytics, and reporting for Fortinet's FortiGate next-generation firewalls to help you more efficiently manage your devices and reduce cyber risk. It simplifies the ongoing management of FortiGate firewalls by providing increased Logging and Reporting, facilitating scheduling of firmware upgrades and security patches outside of typical usage times, and provides a method for accessing the firewall behind NAT.

FortiGuard Core Elements

Network & File Security: consists of IPS to monitor network traffic, analyzes for malicious content, and uses AI/ML for real-time threat detection with virtual patching, while antimalware offers real-time defense against all threats, enhances protection through threat intelligence, and provides multilayered security. Application Control enhances security compliance and offers real-time application visibility.

Web & DNS Security: offers URL filtering, which stops web-based threats, blocks malicious sites and content, and checks email links for potential threats. IP address reputation and anti-botnet /C2 service prevents botnet communication with remote servers, blocks DDoS attacks from known sources, and offers “set and forget” functionality. DNS security defends against DNS attacks, encrypts DNS traffic for user privacy, and ensures DNS reliability with FortiGuard DNS filtering. Additionally, it includes DNSSEC, DNS tunneling blocking, and protection against DNS flood attacks; and defends against DoS/DDoS attacks. Also includes video filtering for granular control over access to YouTube content.

HARDWARE CAPABILITIES

Multi-WAN Capable
SD-WAN
High Availability
Client VPN
Site to Site VPN

Hardware Based Routing
VLAN Segmentation
Packet Monitoring
Customized DDNS Hostname

SUBSCRIPTION BASED LICENSES	ESS	CLD	ATP	Secure
FortiCare Support				
Firmware and Security Patch Updates	✓		✓	✓
FortiGate Cloud License				
Event Automation		✓		✓
Scheduled Firmware Updates		✓		✓
Remote Access Behind NAT		✓		✓
1 Year Extended Logging		✓		✓
Reports		✓		✓
FortiGuard - Network & File Security				
Intrusion Prevention			✓	✓
Advanced Malware Protection			✓	✓
Virus Outbreak Protection			✓	✓
Application Control			✓	✓
FortiGuard - Web & DNS Security				
URL Filtering				✓
DNS Filtering				✓
Video Filtering				✓
Anti-Botnet & C2 Service				✓

ESS - FortiCare Essential Support License

CLD - FortiGate Cloud License

ATP - FortiGuard Advanced Threat Protection License

SECURE - Includes - FortiGuard Unified Threat Protection and FortiGate Cloud Licenses

Subscription based services are available in 1, 3, or 5 year durations.