

WatchGuard Technology Unified Threat Management Solutions

WatchGuard Firebox M300 provides firewall and antivirus protection over encrypted traffic while outperforming the competitive average throughput performance by 260 percent, and 162 percent better UTM throughput with all features enabled.

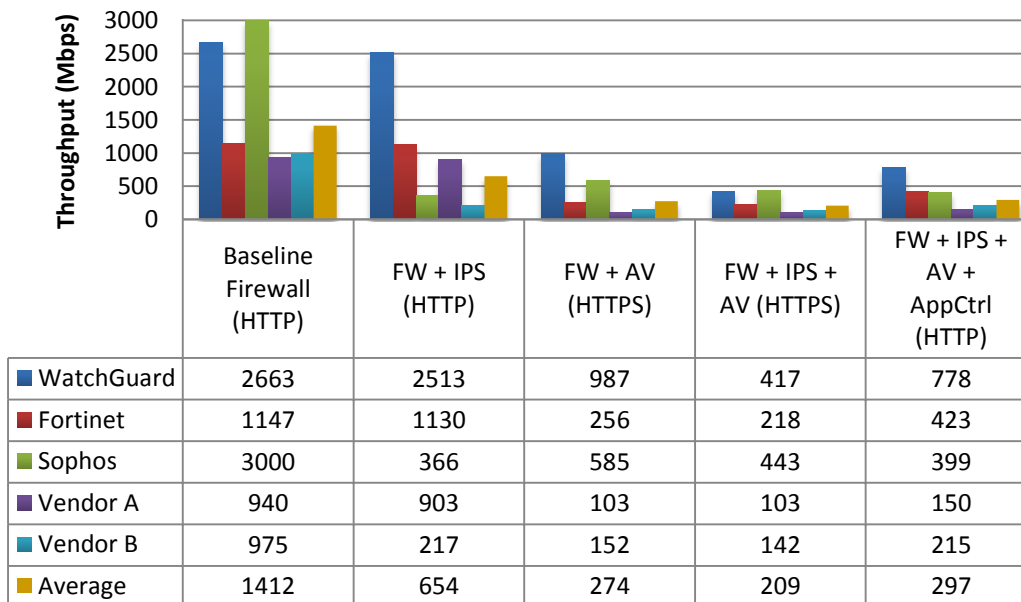
The WatchGuard Firebox M300 Unified Threat Management (UTM) appliance was recently evaluated by Miercom for the performance of UTM throughput. WatchGuard's Firebox M300 was analyzed for maximum throughput performance with all security features enabled; tests consisted of performance of basic firewall filtering and enabling of supplementary features. Features included Intrusion Prevention Service (IPS), Antivirus (AV), and Application Control (AppCtrl). Throughput was measured over HTTP and secure socket layer encrypted HTTPS with deep packet inspection (DPI). The WatchGuard UTM uses multi-core processors, providing the

power to prevent performance bottlenecks. WatchGuard was tested with leading vendor UTM appliances by Dell, Fortinet, Palo Alto, Sophos and others. Products were configured

With firewall and antivirus functions enabled, the WatchGuard Firebox M300 outperformed the competitive average by 260 percent with encrypted traffic.

to ensure optimal performance while using default settings. The Firebox M300 achieved exemplary throughput even when additional security features were enabled.

UTM Throughput Performance



WatchGuard Firebox M300 achieved the highest average throughput against four leading UTM appliances. The Firebox M300 consistently proved better throughput performance in tests conducted including encrypted traffic, starting with baseline firewall to all UTM features enabled.

Source: Miercom December 2015

The Firebox M300 exhibited outstanding throughput for the baseline firewall test (HTTP), firewall with IPS enabled (HTTP), firewall with antivirus enabled (HTTPS with DPI), and full UTM mode (HTTP).

UTM throughput performance was over 162 percent the industry average, proving it is not necessary to sacrifice security for performance. The Firebox M300 did exceedingly well against competitors for encrypted traffic with firewall and antivirus enabled, outperforming the industry average by over 260 percent of its throughput. Its firewall and IPS capabilities were over 284 percent times the industry average performance. Even with its firewall alone, its basic protection proved to be superior to the industry mean by more than 88 percent.

Speed and Security

Today's businesses need more than a firewall. In order to thwart advanced and persistent threats, a consolidated protection of intrusion prevention, antivirus, and application control must be used. A product that provides these features without slowing network speeds or creating bottlenecks is vital. The Firebox M300 provides the speed and maintains throughput, while providing advanced protection for enterprise networks.

Bottom Line

The Firebox M300 delivers the security and performance required by mid-sized enterprises, while reducing network security costs. This solution uses intrusion prevention, antivirus, and application control to stop advanced malware threats from attacking the network.



Test results demonstrated that the Firebox M300 performed faster than competing UTM solutions with standard UTM features enabled in both unencrypted and encrypted data streams. The WatchGuard solution provides first class security services to defend small and mid-size enterprises against malicious content through effective firewall protection. Based on these findings, WatchGuard has earned the Performance Verified Certification from Miercom.

About Miercom's Product Testing Services

Miercom has published hundreds of network-product-comparison analyses in leading trade periodicals and other publications. Miercom's reputation as the leading, independent product test center is undisputed.

Private test services available from Miercom include competitive product analyses, as well as individual product evaluations. Miercom features comprehensive certification and test programs including: Certified Interoperable, Certified Reliable, Certified Secure and Certified Green. Products may also be evaluated under the Performance Verified program, the industry's most thorough and trusted assessment for product usability and performance.



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