

## M300 Unified Threat Management Throughput Performance

For defending an organization from the dark side of the Internet, a new class of security product has emerged – Unified Threat Management, or UTM appliances. These products support multiple security functions that can be modularly applied, and can filter and examine traffic at impressively high speeds.

But what happens to these devices’ throughput when multiple security functions – including firewall, intrusion prevention (IPS), anti-virus (AV), even application control – are running concurrently?

Miercom validated the performance of its Firebox M300 appliance, with similar products from vendors. The Firebox 300 includes the firewall, application control, antivirus, and IPS. Any or all of these can operate with HTTPS inspection enabled.

### What We Measured

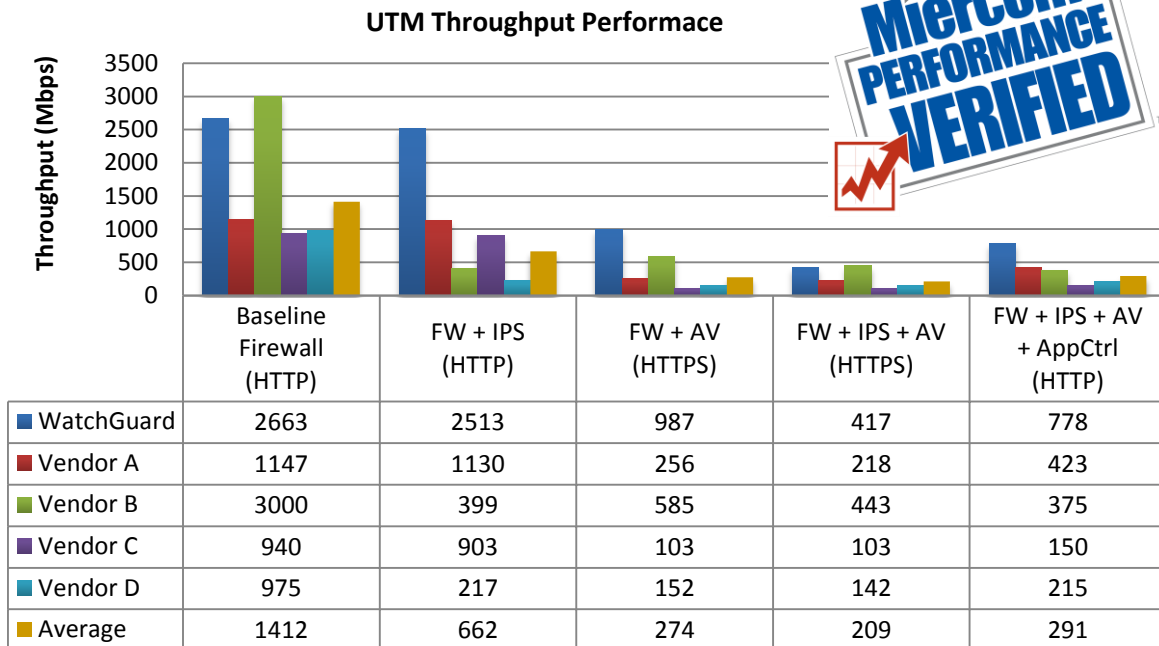
Six test environments were applied to each appliance, to ascertain their throughput performance.

The functional combinations tested were:

- Firewall with HTTP and HHTTPS traffic
- Firewall and IPS
- Firewall and AV
- Firewall, IPS and AV
- Full UTM – FW, IPS, AV and AppCtrl

### Key Findings

- WatchGuard’s Firebox M300 UTM exhibited excellent throughput for all features, whether enabled individually or in combination.
- With firewall and antivirus running over encrypted traffic, WatchGuard achieved throughput 385 percent greater than the competitors’ average.
- With all features enabled, WatchGuard’s throughput was 218 percent better than the industry average.



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