

Vendor	Check Point	Cisco	Cyberoam	Fortinet	Gajshield	IBM ISS	McAfee	SonicWALL	Watchguard
<b>Model</b>	UTM-1 136	ASA 5520 IPS solution	CR50i	FortiGate - 110C	GS 3100	Proventia Network Multi-Function Security (MFS) - MX4006	UTM Firewall - SG720	TZ 210	Firebox X Edge X55e/X55e-W
<b>Features</b>	Firewall, IPSEC VPN, IPS, URL filtering, antivirus, antimalware, antispam, policy management, endpoint policy management, and logging & status.	IPS, firewall and VPN.	Firewall, VPN, antivirus, antispam, IPS, content & application filtering, and bandwidth management.	Firewall, IPSec and SSL VPN, IPS, antivirus, antimalware, antispam, P2P security, and web filtering.	Firewall, IPS, gateway antivirus, IPSec VPN, URL filtering, and bandwidth management.	Antivirus, antispam, firewall, IPS, VPN (IPSec and SSL), and Web filtering.	Firewall, VPN and IDS/IPS, with UTM options.	Gateway antivirus, antispymware, IPS, content filtering, SSL VPN, IPSec VPN, and enforced client antivirus.	Firewall, IPS and IPSec/SSL VPN. Optional gateway AV/IPS with Virus Quarantine.
<b>Maximum no. of concurrent sessions/users (Figures as claimed by vendor)</b>	<ul style="list-style-type: none"> <li>Concurrent sessions – 300,000.</li> <li>Up to 75 users.</li> </ul>	<ul style="list-style-type: none"> <li>Maximum firewall connections - 280,000</li> <li>Maximum firewall connections per second - 12,000</li> <li>Maximum triple data encryption standard/advanced encryption standard(3DES/AES) VPN throughput (Mbps) – 225</li> <li>Maximum site-to-site and remote access VPN user sessions – 750</li> <li>Maximum SSL VPN user sessions – 750</li> <li>Bundled SSL VPN user sessions - 2</li> </ul>	<ul style="list-style-type: none"> <li>New sessions/second - 3,000</li> <li>Concurrent sessions - 220,000</li> </ul>	<ul style="list-style-type: none"> <li>Concurrent sessions - 4,00,000.</li> <li>Supports 10,000 new sessions/second.</li> <li>Dedicated IPSec VPN tunnels – 1,500</li> </ul>	<ul style="list-style-type: none"> <li>Concurrent sessions - 4,00,000</li> <li>New sessions/second – 12,000</li> </ul>	<p>Maximum concurrent sessions - 120,000</p> <p>Maximum connections per second - 6,800</p> <p>75 concurrent users for SSL VPN</p>	-	<ul style="list-style-type: none"> <li>Maximum connections - 10,000.</li> <li>New Connections/Second - 1,500.</li> <li>Site-to-Site VPN Tunnels – 15.</li> </ul>	<ul style="list-style-type: none"> <li>Concurrent sessions - 10,000.</li> <li>VPN tunnels (incl/max) <ul style="list-style-type: none"> <li>Branch Office VPN - 25/25</li> <li>Mobile VPN IPSec (incl/max) - 5/55</li> <li>Mobile VPN SSL - 55/55</li> </ul> </li> </ul>
<b>Throughput (Figures as claimed by vendor)</b>	<ul style="list-style-type: none"> <li>Firewall throughput - 400 Mbps</li> <li>VPN throughput - 100 Mbps</li> <li>IPS throughput - 300 Mbps</li> <li>VLANs – 1024</li> <li>Storage - 80 GB</li> </ul>	<ul style="list-style-type: none"> <li>Maximum firewall + IPS throughput - 225 Mbps (with AIP SSM-10)</li> <li>Maximum firewall + IPS throughput - 375 Mbps (with AIP SSM-20)</li> </ul>	Firewall throughput (Mbps) – 175.	<ul style="list-style-type: none"> <li>Firewall – 500 Mbps</li> <li>IPSec VPN – 100 Mbps</li> <li>AV throughput – 65 Mbps</li> <li>IPS throughput – 200 Mbps</li> </ul>	<ul style="list-style-type: none"> <li>Firewall throughput - 1100 Mbps</li> <li>VPN throughput - 115 Mbps</li> <li>UTM throughput - 180 Mbps</li> <li>AV throughput</li> </ul>	Stateful throughput speed (firewall only) - 600 Mbps.	<ul style="list-style-type: none"> <li>Total throughput - 180 Mbps.</li> <li>500 IPSec VPN tunnels.</li> </ul>	Firewall throughput - 200 Mbps.	Firewall throughput - 100 Mbps VPN throughput - 35 Mbps

		<ul style="list-style-type: none"> <li>Maximum firewall + IPS throughput - 450 Mbps (with AIP SSM-40)</li> </ul>			<ul style="list-style-type: none"> <li>- 225 Mbps</li> <li>IPS throughput - 375 Mbps</li> <li>VPN tunnels – 100</li> </ul>				
<b>High availability capabilities</b>	<ul style="list-style-type: none"> <li>Active/passive and active/active failover options.</li> <li>Load balancing, Quality of Service, ISP redundancy and link aggregation.</li> </ul>	-	<ul style="list-style-type: none"> <li>Active-active.</li> <li>Active-passive with state synchronization.</li> <li>Stateful failover.</li> </ul>	-	<ul style="list-style-type: none"> <li>Active-passive with state synchronization.</li> <li>Stateful failover.</li> <li>E-mail alert on appliance status change.</li> </ul>	Active / passive.	-	Active/Passive	VPN Failover
<b>Hardware interfaces</b>	<ul style="list-style-type: none"> <li>10/100 ports – 1</li> <li>10/100/1000 ports - 4</li> </ul>	10/100/1000 ports - 4	10/100 Ethernet Ports - 4	<ul style="list-style-type: none"> <li>Total interfaces (Copper) – 10</li> <li>10/100/1000 WAN interface ports – 2</li> <li>10/100 configurable ports – 8</li> </ul>	<ul style="list-style-type: none"> <li>10/100 interfaces – 2</li> <li>10/100/1000 interfaces – 2</li> <li>Configurable WAN/DMZ/LAN ports</li> </ul>	<ul style="list-style-type: none"> <li>Six 10/100/1000 Mbps</li> <li>One serial port.</li> </ul>	<p>Three 10/100 ports.</p> <p>Two 10/100/1000 ports</p>	<p>10/100/1000 ports – 2</p> <p>10/100 ports - 5</p>	<p>10/100 ports – 6.</p> <p>Serial ports – 1.</p>

<b>Management/reporting features</b>	<ul style="list-style-type: none"> <li>Centralized management, monitoring, logging and reports.</li> <li>Telnet and SSH command line interface.</li> </ul>	Cisco Security Management Suite to manage the IPS, firewall, and VPN.	<ul style="list-style-type: none"> <li>Web UI (HTTPS), command line interface (Serial, SSH, Telnet) and central console.</li> <li>Logging/monitoring and on-appliance reporting features.</li> </ul>	<ul style="list-style-type: none"> <li>Automated updates.</li> <li>Management, logging and reporting features.</li> </ul>	<ul style="list-style-type: none"> <li>Web-based configuration, role-based administration, multiple accounts/privileges, and e-mail alerts.</li> <li>Reporting features for bandwidth consumption, application misuse, trend analysis, and virus activity.</li> </ul>	<ul style="list-style-type: none"> <li>Central management, Web-based local management and SSH access.</li> <li>Event logging, email alerts, Simple Network Management Protocol (SNMP).</li> </ul>	Web browser based or command line interface using SSH.	<p>Local CLI, Web GUI (HTTP, HTTPS), SNMP v2; Global management with SonicWALL GMS.</p> <p>ViewPoint, Local Log and Syslog.</p>	<p>Management software, CLI, and Web UI.</p> <p>SNMP v2/v3, email, and management system alert.</p>
<b>Scalability</b>	Additional capabilities can be enabled through software.	-	-	-	-	-	-	Optional 802.11n wireless security.	-
<b>Other features</b>	-	-	-	-	-	-	-	-	-
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