

Compare Product Specifications



Models: nTMG (Product Specifications)	1500S	2500S	3500S	5500S
<b>Deployment Type (Business)*</b>	Small	Medium	Large	Very Large
Recommended Connected PC	500	1,000	3,000	4,000
Recommended Corporate Users ( Web-Filtering)	2,500	5,000	15,000	20,000
<b>System Performance</b>				
Firewall - Throughput (mbps) Max	2000	2000	2400	2600
HTTP - Throughput (mbps) Max	150	160	200	240
VPN - Throughput (mbps) Max	160	160	200	200
<b>High Availability &amp; Scalability</b>				
Scalability: Microsoft Network Load Balancer (NLB) Cluster	No	No	No	No
High-Availability: Active/Active Failover (NLB) Cluster	No	No	No	No
ISP Link High Availability	No	No	No	No
Load Balancing and Failover (Dual Link Redundancy)	No	No	No	No
Web Publishing High Availability	No	No	No	No
Load Balancing across server form (incoming)	No	No	No	No
Caching Support	Yes	Yes	Yes	Yes
Local Web Content Cache	Yes	Yes	Yes	Yes
<b>Hardware Specifications</b>				
<b>Network Ports: LAN PCIe (RJ45)</b>	( 7 ) 6 - GbE (Rear) LAN + 1 - iKVM	( 9 ) 8 - GbE (Rear) LAN + 1 - iKVM	( 9 ) 8 - GbE (Rear) LAN + 1 - iKVM	( 9 ) 8 - GbE (Rear) LAN + 1 - iKVM
<b>Lights Out Remote Management (iLOM)</b>	Yes ( KVM over IP & KVM over Web )	Yes ( KVM over IP & KVM over Web )	Yes ( KVM over IP & KVM over Web )	Yes ( KVM over IP & KVM over Web )
<b>Hardware Crypto Accelerator CPU-Off-Load (Cavium)</b>	No	Yes, 64-bit PCIe	Yes, 64-bit PCIe	Yes, 64-bit PCIe
TPS Throughput: SSL	Software Only	17,000	17,000	17,000
<b>CPU-Qty / Core Type</b>	( 1 ) Intel Core-i3	( 1 ) Intel Xeon X3430	( 1 ) Intel Xeon E5520	( 2 ) Intel Xeon E5520
<b>CPU Cores / Cache</b>	2 / 4MB	4 / 8MB	4 / 8MB	4 / 8MB
<b>Memory-RAM</b>	4 GB DDR3 ECC	8 GB DDR3 ECC	12 GB DDR3 ECC	16 GB DDR3 ECC
<b>Hard Disk: System OS</b>	(2) 3.5" Internal	(2) 3.5" Internal	(2) 2.5" Hotswap, Front	(3) 2.5" Hotswap, Front
Disk- Qty / Type	500 GB, SATA2 Enterprise	500 GB, SATA2 Enterprise	300 GB, SATA2 Enterprise	300 GB, SAS Enterprise
Disk-Mirror Hardware RAID	Yes, SATA2 RAID-1	Yes, SATA2 RAID-1	Yes, SATA2 RAID-1	Yes, SAS RAID-1 ( 512MB Cache + Battery Backup )
Disk: Spares	No	No	Yes, Optional	Yes, Included
<b>Flash Disk: Appliance Recovery OS</b>	ARM / FFRS** Flash based Field Recovery System	Yes	Yes	Yes
<b>LCD Interface w/6-Keypad</b>	No	Yes, Graphical	Yes, Graphical	Yes, Graphical
<b>Power Supply Module</b>	Single	Single	Dual, Hotswap	Dual, Hotswap
<b>Power: Universal 110-120V</b>	260 Watts	260 Watts	2 x 650 Watts	2 x 650 Watts
<b>Ports (USB / RS232 / VGA)</b>	2 / 1 / 1	2 / 1 / 1	2 / 1 / 1	2 / 1 / 1
<b>Form-Factor</b>	1U 2-Post	1U 2-Post	1U Rackmount 4-Post	1U Rackmount 4-Post
<b>Dimensions (H x W x D)-inch</b>	1.75 x 17 x 14 ( Short Depth )	1.75 x 17 x 14 ( Short Depth )	1.75 x 17 x 27	1.75 x 17 x 27
<b>Appliance Management: Value Add Features by nAppliance</b>				
<b>LCD Console Manager</b>				
Headless Appliance Configuration and Maintenance	Yes	Yes	Yes	Yes
<b>ONEface: Appliance System Manager</b>				
Web-Based Appliance Setup and Management	Yes	Yes	Yes	Yes
Automatic Software Updates (from nAppliance)	Yes	Yes	Yes	Yes
<b>ARRMS**: Embedded Recovery Manager</b>				
Quick Recovery - One Click PIT Online/Offline Image Roll-Back	Yes	Yes	Yes	Yes
Complete Backup / Recovery from Local and Network Drives	Yes	Yes	Yes	Yes
Restore Image to any Last Good Known State	Yes	Yes	Yes	Yes
Quick Factory Restore to Factory Default Image	Yes	Yes	Yes	Yes
Baremetal System Restore and Upgrade	Yes	Yes	Yes	Yes
<b>LOM (Lights Out) Appliance Manager</b>				
IPMI based, BIOS Level Out of Band Management	Yes	Yes	Yes	Yes
Lights-Out-Manager: Client-Based, CLI	Yes	Yes	Yes	Yes
Lights-Out-Manager: iKVM over https (Web Based)	Yes	Yes	Yes	Yes
Centralized Multi-Appliance Management Option	Yes	Yes	Yes	Yes
ONEface based Health Monitoring, SNMP Traps	Yes	Yes	Yes	Yes
<b>Forefront Management: Microsoft Built-In Support</b>				
<b>TMG Server Management Support</b>				
Local TMG Manager	Yes	Yes	Yes	Yes
Multiple TMG Centralized Support	No, Only Local	No, Only Local	No, Only Local	No, Only Local
<b>TMG Configuration Storage Server (CSS) Array</b>				
TMG Standard Edition (nTMG)	No	No	No	No
<b>Operational Management</b>				
Automatic Software Updates (from Microsoft)	Yes	Yes	Yes	Yes
SCOM: Microsoft System Center Operation Manager	Yes	Yes	Yes	Yes
<b>Microsoft Licensing Provision &amp; Coverage</b>				
<b>Appliance System Software</b>				
<b>Appliance Windows System Software, Included</b>	Windows Server 2008 R2, 64 bit	Windows Server 2008 R2, 64 bit	Windows Server 2008 R2, 64 bit	Windows Server 2008 R2, 64 bit
<b>Microsoft Forefront Edge Security Suite, Included</b>	nTMG Models: Forefront TMG Standard 2010 Edition	Yes, Single Processor License	Yes, Single Processor License	Yes, Two Processor License
<b>Gateway Functionality, Included:</b>				
Firewall, VPN, NIS, Caching, Web Proxy, Publishing, NAT	Yes	Yes	Yes	Yes
VoIP / SIP Filter	Yes	Yes	Yes	Yes
HTTPS Inspection	Yes	Yes	Yes	Yes
E-mail Protection (Requires Exchange License)	Yes	Yes	Yes	Yes
3rd Party Application Compatibility	Yes	Yes	Yes	Yes
Per User CAL Purchase Required	No	No	No	No
<b>Additional Filtering Subscription Services</b>				
Web Anti-Malware Services	Fee, Per User	Fee, Per User	Fee, Per User	Fee, Per User
URL Filtering	Fee, Per User	Fee, Per User	Fee, Per User	Fee, Per User
E-mail Protection for Exchange (Anti-Virus, Anti-Spam etc)	Fee, Per User	Fee, Per User	Fee, Per User	Fee, Per User
<b>nAppliance Warranty: Standard Service and Support</b>				
Standard: Express Replacement, 30 Days	Yes	Yes	Yes	Yes
Standard: Help Desk Support, 30 Days	Yes	Yes	Yes	Yes
Standard: Hardware Depot Repair - 1 Year	Yes	Yes	Yes	Yes
Upgrade: Hardware Express Replacement - Multi-Year	Optional	Optional	Optional	Optional
Upgrade: Help Desk Support - Multi-Year	Optional	Optional	Optional	Optional
<b>Pricing (MSRP) - USA</b>				
<b>nTMG: Standard Business Edition</b>				