nAppliance
application protection & acceleration

Net-Gateway "mISA" Business Series
Integrated Forefront Edge Security Appliances

Product Specifications

Models: mISA (Product Specifications)	500W	1100W	1200W	2100S	2200S	3200S
Deployment Type (Business)*	Small	Small, Medium	Medium	Medium, Large	Large	Very Large
Recommended Connected PC	200	300	500	2,000	3,000	4,000
Recommended Corporate Users (Websense Web-Filtering)	1000	1000	5,000	10,000	15,000	20,000
TMG Optimized Hardware Platform **	No	Yes	Yes	Yes	Yes	Yes
System Performance						
Firewall - Throughput (mbps) Max	1800	1800	2000	2400	2400	2600
HTTP - Throughput (mbps) Max	120	120	150	200	200	240
VPN - Throughput (mbps) Max	100	100	160	200	200	200
High Availability, Scalability and Replication						
Scalability: Microsoft Network Load Balancer (NLB) Cluster	No	No	No	No	No	No
High-Availability: Active/Active Failover (NLB) Cluster	No	No	No	No	No	No
Hardware Specifications						
Network Ports: LAN PCIe (RJ45)	4-GbE (Rear)	4-GbE (Rear)	6-GbE (Rear, front-optional)	6-GbE (Rear)	6-GbE (Rear)	8-GbE (Rear)
Network Port: Lights Out Management, IPMI (RJ45)	Optional, Shared	Optional, Shared	Optional, Shared	Yes, Dedicated	Yes, Dedicated	Yes, Dedicated
Hardware Crypto Accelerator CPU-Off-Load	No, Software Only	No, Software Only	Yes, 64-bit PCI-X	Yes, 64-bit PCIe	Yes, 64-bit PCIe	Yes, 64-bit PCI-X
TPS/Throughput: SSL or IPSec Rating	_	_	7,000 / 1Gbps max	17,000 / 2.5Gbps(max)	17,000 / 2.5Gbps (max)	11,000 / 2.5Gbps (max)
CPU-Qty / Core Type	(1) Intel Pentium Dual Core	(1) Intel Pentium Dual Core	(1) Intel Core2 Duo	(1) Xeon Quad Core (Conroe)	(1) Xeon Quad Core (Conroe)	(2) Xeon Quad Core (Cloverton)
CPU Cores	2	2	2	4	4	8
CPU FSB / L2-Cache	800Mhz / 4MB	800Mhz / 4MB	800Mhz / 4MB	1066Mhz / 8MB	1066Mhz / 8MB	1066Mhz / 8MB ea
Memory-RAM **	2 GB DDR2 ECC	4 GB DDR2 ECC (earlier models w/2GB)	4 GB DDR2 ECC (earlier models w/2GB)	6 GB DDR2 ECC (earlier models w/4GB)	8 GB DDR2 ECC (earlier models w/4GB)	12 GB DIMM ECC (earlier models w/4GB)
Hard Disk: System OS	(1) 3.5" Internal	(2) 3.5' Internal	(2) 3.5" Internal	(2) 3.5" Hotswap, Front	(2) 3.5" Hotswap, Front	(2) 3.5" Hotswap, Front
Disk- Qty / Type **	80 GB, SATA2	250 GB, SATA2 (earlier model w/80GB)	500 GB, SATA2 (earlier model w/80GB)	500 GB, SATA2 (earlier model w/250GB)	300 GB, SAS, 15K (earlier model w/73GB)	300 GB, SAS, 15K (earlier model w/73GB)
Disk-Mirror Hardware RAID	No	Yes, RAID-1	Yes, RAID-1	Yes, RAID-1	Yes, RAID-1	Yes, RAID-1
Flash Disk: Recovery OS						
FFRS: Flash based Field Recovery System	Yes	Yes	Yes	Yes	Yes	Yes
ROM Drive-DVD / CD Built-In	No	No	No	Yes	Yes	Yes
LCD Interface w/6-Keypad	No	Yes, Graphical	Yes, Graphical	Yes, Graphical	Yes, Graphical	Yes, Graphical
Power Supply Module	Single	Single	Single	Single	Dual, Hotswap	Dual, Hotswap
Power: Univeral 110-120V	260 Watts	260 Watts	260 Watts	560 Watts	2 x 450 Watts	2 x 650 Watts
Ports (USB / RS232 / VGA)	2 / 1 / 1	2 / 1 / 1	2 / 1 / 1	2 / 1 / 1	2 / 1 / 1	2 / 1 / 1
Form-Factor	1U 2-Post	1U 2-Post	1U 2-Post	1U Rackmount 4-Post	1U Rackmount 4-Post	1U Rackmount 4-Post
Dimensions (H x W x D)-inch	1.75 x 17 x 14	1.75 x 17 x 14	1.75 x 17 x 14	1.75 x 17 x 25	1.75 x 17 x 25	1.75 x 17 x 25
Management: Features by nAppliance						
LCD based Appliance Configuration Manager	Yes	Yes	Yes	Yes	Yes	Yes
ONEface: Web based Appliance Manager						
Web-Based Appliance Setup and Management	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Software Updates (from nAppliance)	Yes	Yes	Yes	Yes	Yes	Yes
FFRS: Flash Based Field Recovery System (CLI)						
Recovery Bare-Metal: Restore to Factory Default Image	Yes	Yes	Yes	Yes	Yes	Yes
Recovery Bare-Metal: DVD Bootable Media Included	Yes	Yes	Yes	Yes	Yes	Yes
Backup Image: Local and Network based Options	Yes	Yes	Yes	Yes	Yes	Yes
Restore Image: To any Last Good Known State	Yes	Yes	Yes	Yes	Yes	Yes
LOM: Lights-Out Remote Appliance Management (It provides BIOS-Level KVM Access over Web even when Appliance is powered-off)						
IPMI based Out of Band Management	Optional, IPMI over LAN	Optional, IPMI over LAN	Optional, IPMI over LAN	Yes, IPMI iKVM over LAN	Yes, IPMI iKVM over LAN	Yes, IPMI iKVM over LAN
Lights-Out-Manager: Client-Based, CLI	Yes	Yes	Yes	Yes	Yes	Yes
Lights-Out-Manager: Web Based	No	No	No	Yes	Yes	Yes
Centralized Multi-Appliance Management Option	Yes	Yes	Yes	Yes	Yes	Yes
ONEface based Health Monitoring, SNMP Traps	Yes	Yes	Yes	Yes	Yes	Yes
Management: Microsoft Built-In Support						
ISA Configuration Management						
Centralized Multi-ISA Management Console (CSS)	No, Only Local	No, Only Local	No, Only Local	No, Only Local	No, Only Local	No, Only Local
Operational Management						
Automatic Software Updates (from Microsoft)	Yes	Yes	Yes	Yes	Yes	Yes
MOM: Microsoft Operation Manager	Yes	Yes	Yes	Yes	Yes	Yes
System Software						
Appliance System Software:						
Hardened Microsoft Embedded Operating System	Windows Server 2003	Windows Server 2003	Windows Server 2003	Windows Server 2003	Windows Server 2003	Windows Server 2003
Microsoft Security Suite						
ISA: Internet Security & Acceleration Server 2006	Standard-Workgroup Edition	Standard-Workgroup Edition	Standard-Workgroup Edition	Standard Edition	Standard Edition	Standard Edition (2-CPU Lic)
Microsoft License: User / CAL Required	No	No	No	No	No	No
Commerical 3rd Party Applications Support	Yes	Yes	Yes	Yes	Yes	Yes
Warranty: Standard Service and Support						
Standard: Express Replacement, 30 Days	Yes	Yes	Yes	Yes	Yes	Yes
Standard: Help Desk Support, 30 Days	Yes	Yes	Yes	Yes	Yes	Yes
Standard: Hardware Depot Repair - 1 Year	Yes	Yes	Yes	Yes	Yes	Yes
Upgrade: Hardware Express Replacement - Multi-Year	Optional	Optional	Optional	Optional	Optional	Optional
Upgrade: Help Desk Support - Multi-Year	Optional	Optional	Optional	Optional	Optional	Optional

Pricing (MSRP) - USA

mISA: Standard Edition

* Performance Guidelines Only, Actual performance may vary depending upon networkking and application environment.
** (09/21/2009), TMG Enhanced platforms includes additional RAM and larger size hard disks. Models 2100 and above, requires TMG upgrade w/Windows 2008R2 support to utilize memory size larger than 4GB.

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