



SONavault (Product Specifications)	Model-2110A	Model-2125A	Model-2250A	Model-4110A	Model-4220A
<b>Deployment Type</b>	SMB Business	Small Enterprise	Medium Enterprise	Large Enterprise	Very Large Enterprise
Licensed Mailboxes (License included)	100	250	500	1,000	2,000
Supported Email Server	Microsoft Exchange (all versions)	Microsoft Exchange (all versions)	Microsoft Exchange (all versions)	Microsoft Exchange (all versions)	Microsoft Exchange (all versions)
<b>Integrated System Storage Capacity</b>					
Virtual Storage Built-in Capacity (Usable)	500 GB	1 TB	3 TB	8 TB	16 TB
Maximum Mailboxes (add'l license req.), 2GB / User	250	500	1,500	4,000	8,000
<b>System Storage Expansion</b>					
External Storage Capacity Expansion Support	No	Yes, iSCSI	Yes, iSCSI	Yes, iSCSI	Yes, iSCSI
iSCSI Initiator: Software Support	No	Yes	Yes	Yes	Yes
iSCSI Initiator: Hardware Accelerator Support	No	No	No	Yes, 64-bit PCIe	Yes, 64-bit PCIe
SAS2 External Expansion Support	No	No	No	Yes, 6-Gbps (SAS2 and SATA3)	Yes, 6-Gbps (SAS2 and SATA3)
<b>Hardware Specifications</b>					
<b>Network Ports Total: LAN PCIe (RJ45)</b>	2-GbE (Rear)	2-GbE (Rear) + LOM / IPMI	4-GbE (Rear) + LOM / IPMI	4-GbE (Rear) + LOM / IPMI	4-GbE (Rear) + LOM / IPMI
Network Port for Archiving	1-GbE	1-GbE (max:2 usable)	1-GbE (max:4 usable)	1-GbE (max:4 usable)	1-GbE (max:4 usable)
Network Ports for iSCSI	-	1-GbE	3-GbE	3-GbE	3-GbE
Network Port for Management (LAN)	1-GbE	-	-	-	-
Lights-Out Server Management Port (LOM / Web)	-	1 - FE (10 / 100)	1 - FE (10 / 100)	1 - FE (10 / 100)	1 - FE (10 / 100)
<b>CPU-Qty / Core Type</b>	(1) Intel Pentium Dual Core	(1) Intel Pentium Dual Core	(1) Xeon Quad Core	(1) Xeon Quad Core	(2) Xeon Quad Core
<b>CPU Cores</b>	2	2	4	4	8
<b>CPU FSB / L2-Cache</b>	800MHz / 1MB	1066MHz / 4MB	1066MHz / 8MB	1066MHz / 8MB	1066MHz / 8MB
<b>Memory-RAM</b>	2 GB	4 GB	8 GB	12 GB	16 GB
<b>System Controller (MB, CPU, RAM) Board Type</b>	Fixed	Fixed	Fixed	Removable Blade	Removable Blade
Field Replacement - System Controller	No	No	No	Yes, Coldswap	Yes, Coldswap
Field Replacement - Cooling Fans	No	No	No	Yes, Hotswap	Yes, Hotswap
Dual Controller Board Support	Single	Single	Single	Yes, Cold Standby	Yes, Cold Standby
<b>Hard Disk: System OS + Data</b>	(2) 3.5" Hotswap, Front	(2) 3.5" Hotswap, Front	(4) 3.5" Hotswap, Front	(9+2=11) 3.5" Hotswap, Front	(9+2=11) 3.5" Hotswap, Front
Disk- Qty / Type	500 GB, SATA2, 32MB	1 TB, SATA2, 32MB	1 TB, SATA2, 32MB	1 TB, SATA2, 32MB	2 TB, SATA2, 32MB
Storage Redundancy HW RAID Type	RAID-1, Mirroring (2 Disks)	RAID-1, Mirroring (2 Disks)	RAID-5, Mirroring + Striping ( 4- Disks)	RAID-5, Mirroring + Striping ( 9-Disks)	RAID-5, Mirroring + Striping ( 9-Disks)
Disk Built-in Hotspare Configuration	No	No	No	Yes, (Two included)	Yes, (Two included)
Disk Auto Rebuild of Replaced Drive	Yes	Yes	Yes	Yes	Yes
<b>Flash Disk: Recovery OS</b>					
FFRS: Flash based Field Recovery System	Yes	Yes	Yes	Yes	Yes
<b>ROM Drive-DVD / CD Built-In</b>	Yes	Yes	Yes	No	No
<b>LCD Interface with 6-Keypad</b>	Yes, Graphical	Yes, Graphical	Yes, Graphical	Yes, Graphical	Yes, Graphical
<b>Power Supply Module</b>	Single	Single	Dual, Hotswap	Dual, Hotswap	Dual, Hotswap
<b>Power: Universal 110-120V</b>	560 Watts	560 Watts	2 x 450 Watts	2 x 1200 Watts	2 x 1200 Watts
<b>Ports (USB / RS232 / VGA)</b>	2 / 1 / 1	2 / 1 / 1	2 / 1 / 1	2 / 1 / 1	2 / 1 / 1
<b>Form-Factor</b>	1U Rackmount 4-Post	1U Rackmount 4-Post	1U Rackmount 4-Post	3U Rackmount 4-Post	3U Rackmount 4-Post
<b>Dimensions (H x W x D)-inch</b>	1.75 x 17 x 25	1.75 x 17 x 25	1.75 x 17 x 25	5.25 x 17 x 25	5.25 x 17 x 25
<b>Management: Features by nAppliance</b>					
<b>LCD based Appliance Configuration Manager</b>	Yes	Yes	Yes	No	Yes
<b>Web based Appliance Manager</b>					
Sonavault Web based Mail Archival Manager	Yes	Yes	Yes	Yes	Yes
ONEface: Web-Based Appliance Setup and Management	Yes	Yes	Yes	Yes	Yes
<b>FFRS for OS: Flash Based Field Recovery System (CLI)</b>					
Recovery Bare-Metal: Restore to Factory Default Image	Yes	Yes	Yes	Yes	Yes
Recovery Bare-Metal: DVD Bootable Media Included	Yes	Yes	Yes	Yes	Yes
Backup Image: Local and Network based Options	Yes	Yes	Yes	Yes	Yes
Restore Image: To any Last Good Known State	Yes	Yes	Yes	Yes	Yes
<b>LOM: Lights-Out Remote Appliance Management (It provides BIOS-Level KVM Access over Web even when Appliance is powered-off)</b>					
IPMI based Out of Band Management	Yes, IPMI iKVM over LAN	Yes, IPMI iKVM 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
Lights-Out-Manager: Web Based Server Management	Yes	Yes	Yes	Yes	Yes
Centralized Multi-Appliance Management Option	Yes	Yes	Yes	Yes	Yes
ONEface based Health Monitoring, SNMP Traps	Yes	Yes	Yes	Yes	Yes
<b>Appliance System Software</b>					
Hardened Microsoft Embedded OS & Database	Windows Server 64-bit	Windows Server 64-bit	Windows Server 64-bit	Windows Server 64-bit	Windows Server 64-bit
Sonasoft Sonavault Archival Software	Yes	Yes	Yes	Yes	Yes
Database	Microsoft SQL Embedded	Microsoft SQL Embedded	Microsoft SQL Embedded	Microsoft SQL Embedded	Microsoft SQL Embedded
<b>High Availability Option</b>					
Cluster: Active / Passive, 3rd Party Doubletake	Optional	Optional	Optional	Optional	Optional
<b>Warranty: Standard Service and Support</b>					
Standard: Express Replacement, 30 Days	Yes	Yes	Yes	Yes	Yes
Standard: Help Desk Support, 30 Days	Yes	Yes	Yes	Yes	Yes
Standard: Hardware Depot Repair - 1 Year	Yes	Yes	Yes	Yes	Yes
Upgrade: Hardware Express Replacement - Multi-Year	Optional	Optional	Optional	Optional	Optional
Upgrade: Help Desk Support - Multi-Year	Optional	Optional	Optional	Optional	Optional
<b>Pricing (MSRP)</b>					