

GET EMAIL EFFICIENCY

ARCMail DEFENDER TECHNICAL HIGHLIGHTS

PERFORMANCE

- Built on the tested and trusted Linux OS to provide enterprise-class reliability, efficiency, and scalability
- Uses state-of-the-art multiversion concurrency control (MVCC) for all archive transactions (including searches) used by the fastest databases on the planet
- Takes full performance advantage of multi-core processor capabilities by using multi-threading at multiple layers of the architecture
- Uses advanced memory management to insure that each software process is dynamically allocated the memory it needs when it needs it
- Monitors and manages the load of each software component in the message workflow to prevent performance bottlenecks from occurring even under peak load
- Hardware and software components for each Defender model are custom configured to maximize message throughput and search speed

RELIABILITY

- Combines hardware RAID with hot spare disks to guarantee high performance in the unlikely event of a disk failure
- Provides onboard RAID Battery Backup to insure archive integrity in the event of power loss

- Stores and indexes all messages in a fully-transactional, ACID-compliant archive to ensure the highest level of archive integrity and reliability
- On-board hardware, operating system and application diagnostics provide the System Administrator with a daily report on the health of the system

SECURITY

- SSL or TLS encryption provides secure network communication to and from the Defender
- SSL certificates provide secure validation of the Defender's identity
- Single sign-on (SSO) in Active Directory environments makes authenticated access to the Defender transparent to the user
- Authentication and authorization model provides secure access control in both Active Directory and LDAP environments

ADVANCED SEARCH

- Full indexing of all text in every message—including message headers, message bodies, and all attachments—ensures that users can find the precise messages they need without delay or assistance
- Advanced searches provide user-friendly Boolean operators to narrow or broaden the search results of complex discovery requests
- Highly-efficient indexes provide rapid retrieval of millions of messages



www.arcmail.com | 866-417-6495

UNLEASH

THE POWER OF ARCMail DEFENDER

DEFENDER MODELS

	Models							
	XPS100	U110	U120	U220	U240	U380	U3120	U3160
User Interface	Browser/Outlook Plug-in	Browser/Outlook Plug-in	Browser/Outlook Plug-in	Browser/Outlook Plug-in	Browser/Outlook Plug-in	Browser/Outlook Plug-in	Browser/Outlook Plug-in	Browser/Outlook Plug-in
Total Disk	500 GB	1 TB	2 TB	2 TB	4 TB	8 TB	12 TB	16 TB
RAID Fault Tolerance	RAID 1	RAID 1	RAID 1	RAID 5	RAID 5	RAID 6	RAID 6	RAID 6
RAID Controller	Hardware	Hardware	Hardware	Hardware	Hardware	Hardware	Hardware	Hardware
RAID Controller Battery Backup	No	No	No	Yes	Yes	Yes	Yes	Yes
Hot Spare	N/A	N/A	N/A	1	1	1	1	1
Disk Replacement	Hot Swap	Hot Swap	Hot Swap	Hot Swap	Hot Swap	Hot Swap	Hot Swap	Hot Swap
Additional Storage	—	—	—	2 layer Blu-Ray (optional)	2 layer Blu-Ray (optional)	2 layer Blu-Ray	2 layer Blu-Ray	2 layer Blu-Ray
Network Interface	10/100/1000BASE-T Ethernet	10/100/1000BASE-T Ethernet	10/100/1000BASE-T Ethernet	10/100/1000BASE-T Ethernet	10/100/1000BASE-T Ethernet	10/100/1000BASE-T Ethernet	10/100/1000BASE-T Ethernet	10/100/1000BASE-T Ethernet
Network Interface Redundancy	NIC	dual NICs	dual NICs	dual NICs	dual NICs	dual NICs	dual NICs	dual NICs
Power Supply Ethernet	400W	300W	300W	700W	700W	800W	800W	800W
Power Supply Redundancy	—	—	—	dual, hot-swappable	dual, hot-swappable	dual, hot-swappable	dual, hot-swappable	dual, hot-swappable
Chassis Type	Desktop	1U	1U	2U	2U	3U	3U	3U
Weight (shipping)	25 lbs	35 lbs	35 lbs	67 lbs	67 lbs	97 lbs	97 lbs	97 lbs

To learn more about ArcMail's complete email archiving and management solution email us at sales@arcmail.com or call **866-417-6495**.



www.arcmail.com | 866-417-6495