



**ARCHIVE ALL  
OF YOUR BUSINESS  
CRITICAL DATA  
IN ONE ARCHIVE**

## **ARCMAIL DEFENDER™**

### **HOW DEFENDER WORKS**

All outbound, inbound, and internal messages and attachments are directed to the Defender. Your mail server makes a copy of every message - sending one to the archiver, and one to the appropriate recipient(s). When data reaches the ArcMail archiving solution, it is de-duplicated, indexed, compressed, and archived. Metadata and text data are extracted from all parts of each message, including header, body, and attachments.

When you need to recover emails or attachments, the ArcMail platform's industry leading search and recovery functionality makes it quick and easy. Any authorized individual can locate emails and attachments using intuitive keywords or our advanced search functionality, and can restore them to any user's mailbox or download them locally.

### **FEATURES**

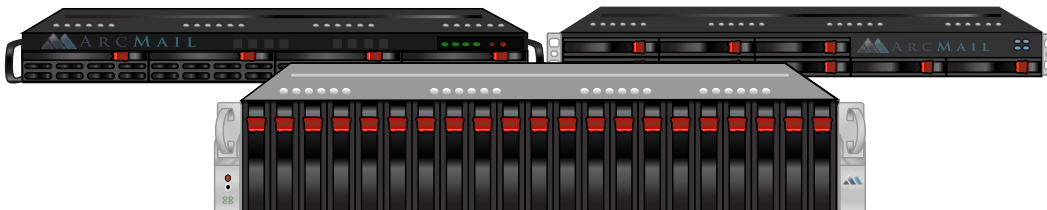
- Browser/ Outlook Plugin
- Hardware RAID Controller
- Dual NICs
- Hot Swappable Disk Replacement
- On-board hardware, OS, and application diagnostics provide administrators with daily reports on the health of the system
- Intel chipsets with latest Xeon Quad Core procesors

### **PERFORMANCE**

- Built on Linux OS to provide enterprise class reliability, efficiency, & 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 architecture
- Uses advanced memory management to ensure that each software process is dynamically allocated the memory 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

### **RELIABILITY/ SECURITY**

- Stores all messages in a fully transactional, ACID compliant archive to ensure highest level of archive integrity and reliability
- SSL or TLS encryption provides secure network communication to and from Defender
- Authentication and authorization model provides secure access control in both Active Directory and LDAP environments
- Single sign-on (SSO) in Active Directory environments makes authenticated access to Defender transparent to the user





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## DEFENDER MODELS TECHNICAL SPECS

ArcMail's new hardware platforms are state-of-the-art, designed to combine high performance and unmatched reliability in a smaller and more energy efficient form factor. High performance processors, increased memory, more efficient 2.5" enterprise class hard drives and solid state drives in RAID configurations provide the speed and storage necessary to handle the increased volume and variety of email, social media, and other data sources that today's regulatory compliance requirements demand.

DEFENDER MODELS										
	U1010	U1020	U1030	U1040	U1060	U2080	U2120	U2160	U2240	U2320
Available Storage	1TB	2TB	3TB	4TB	6TB	8TB	12TB	16TB	24TB	32TB
Total Storage	2TB	3TB	4TB	6TB	8TB	12TB	16.5TB	20.5TB	Call*	Call*
Total SSD Capacity	-	-	-	-	-	960GB	1.44TB	1.44TB	Call*	Call*
Memory	8GB	8GB	8GB	16GB	16GB	32GB	32GB	32GB	Call*	Call*
RAID Fault Tolerance	RAID 1	RAID 5	RAID 5	RAID 5	RAID 5	RAID 6	RAID 6	RAID 6	Call*	Call*
Hardware RAID Controller	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hot Spare	-	-	-	✓	✓	✓	✓	✓	✓	✓
Dual Power Supply	-	-	-	✓	✓	✓	✓	✓	✓	✓
Intel Xeon Processor	1	1	1	1	1	2	2	2	Call*	Call*
Drive Size	3.5"	3.5"	3.5"	2.5"	2.5"	2.5"	2.5"	2.5"	Call*	Call*
Chassis Type	1U	1U	1U	1U	1U	2U	2U	2U	Call*	Call*

\*Contact ArcMail for full Details

