

SeaChange® Axiom® On Demand Server

The SeaChange® Axiom® Server is carrier-grade, high-availability server specially configured to host some of SeaChange Axiom On Demand's suite of application services. The server supports high-availability, features such as hot-swappable disk drives, and hot-swappable and redundant power supply modules.

The Axiom Server delivers unrivaled performance and system reliability and is the hardware component delivering reliability, scalability, and performance to the following Axiom applications:

- Axiom Application Server
- Axiom Database Server
- Axiom Recording System
- Axiom VMCA

SERVER HARDWARE SPECIFICATIONS:

- Compact 1RU rack-mounted server
- Supermicro® Motherboard X8DT3-L4NF
- Intel® 2.00 GHz Zeon Processor w/ Intel 5520 Chipset
- 3 GB DDR3 DIMMs at 800 MHz
- Integrated 8 Lane LSI SAS1068E RAID controller
- Two (2) 147GB 2.5" 10K SAS drives
- Four Gigabit Ethernet network connections
- Integrated IPMI 2.0 with dedicated LAN
- High Efficiency 720W Universal AC Power, -48W DC Power optional

SYSTEM SOFTWARE

- Microsoft® Windows® 2003 Server SP2
- Microsoft SQL Server 2003

IMPORTANT SYSTEM SPECIFICATIONS

- Dimensions: 1.75" H x 17.3" W x 23.5" D
- Power Requirements:
 - AC Input: 100/110/220/230 VAC @ 50/60 Hz
 - 720 Watt High Efficiency Power Supply, Auto Ranging from 90-260 VAC; -48 VDC Input Power Supply Optional
- Power Consumption: 218W Typical



DETAILED SYSTEM SPECIFICATIONS

Enclosure	Rack mounted, 1RU
Dimensions	1.75" H x 17.3" W x 23.5" D (43mm H x 437mm W x 597mm D)
Weight	40 lbs
Power Requirements	AC Input: 100/110/220/230 VAC @ 50/60 Hz 720 Watt High Efficiency Power Supply, Auto Ranging from 90-260 VAC; -48 VDC Input Power Supply Optional
Power Consumption	218W Typical (dependent on CPU/Memory/PCIe configuration)
Thermal Dissipation	744 BTU/hr
Operational Requirements	Temperature: 50° to 95° F (10° to 35° C) Humidity: 8% to 90% relative humidity, non-condensing Altitude: 3000 meters, maximum
Motherboard	SuperMicro Server Board X8DT3-LN4F with integrated IPMI 2.0
Processor	Intel Xeon, Quad Core, E5504, 2.0Ghz, 4MB Cache, 4.8GT/S
Processor Memory	3.0 GB DDR3 @ 800 MHz
Network Interface	Four 10/100/1000 Gigabit Ethernet ports 1 10/100 Mbps Ethernet Port (IPMI 2.0)
Disk Drives	Two (2) 147GB 10K SAS 2.5" disk drives
Drive Backplane	8x Hot-Swap 2.5" SAS/SATA HDD Trays
RAID Controllers	Integrated LSI SAS1068E RAID controller for internal drives or LSI 8 port internal SAS/SATA RAID controller, low profile, 1078 based, W/32 drive support (LSI00180)
Front Panel Buttons	Power ON/OFF, Reset, UID
Front Panel status LEDs	Power, HDD activity, 2x Network activity, UID
Racking Requirement	Clearance: behind (2ft), front (3ft 8in), sides (1ft) Maximum servers/rack: 40 (SeaChange 40U rack)
Operating System	Microsoft Windows 2003 Standard Edition, Service Pack 2
Service Disk	SeaChange Service Disk preinstalled with software for booting to Production OS (Windows 2003) and for maintaining in Service OS (WinPE) a stable application environment and snapshot/restore operations
Mean Time Between Failure Data*	Disk drives (SAS) — 1,600,000 hours Processors — 500,000 hours Power supplies — 530,000 hours (AC), 399,000 (DC) Fans — 134,000 hours (0-40C) <i>* Assumes 24x7 operation, and an approved temperature controlled, machine room operating environment</i>
Regulatory Approval	ETL (UL 60950 -1 — CSA 60950) CE — Low Voltage Directive 73/23/EEE FCC (Class A Verification) — Radiated & Conducted Emissions CE — EMC Directive 89/336/EEC

SeaChange International, Inc.
50 Nagog Park, Acton, MA 01720 USA
T 1.978.897.0100 F 1.978.897.0132
www.schange.com

4.15_2010



©2010 SeaChange International, Inc. SeaChange Axiom is a registered trademark of SeaChange International, Inc. All other marks are the property of their respective owners. While every effort is made to ensure the information given is accurate, SeaChange does not accept liability for any errors or mistakes which may arise. All features, specifications, system requirements and/or compatibility with third party products described herein are subject to change at any time without notice.