Data Sheet

JATHEON

Core12x

The superior security benefits of a robust, high-quality on-premise information archiving solution apply not only to larger enterprises, but especially to businesses competing in the challenging SMB environment.

Maintain your competitive edge and ensure peace of mind with **Jatheon's cCore 12x**, the first enterprise-grade all-in-one information archiving appliance. Automate compliance, ensure eDiscovery readiness and take control of your enterprise data to a new level with Jatheon's award-winning, industry-leading tools designed to help your business thrive.

Features	Availability
Remote System Monitoring	✓
Full Indexing & Archiving	✓
Message Compression	✓
Single Instance Storage	✓
Search & Retrieval	✓
Retention Policy Management	✓
Legal Hold	✓
Role-Based Administration	✓
Outlook Plugin	✓
Tamper-Proof OS & Storage	✓
Comprehensive Audit Trail	✓
Web-Based Interface	✓
Comprehensive Reporting and Statistics	✓

Core12x

System
- Processor: Intel Xeon Silver 4108 1.8-3.0GHz (11MB L3 cache 8 cores / 16 threads)
- Memory: 96 GB ECC DDR4-2400
- Chipset: Intel C622
- Network Controllers: 2 x 10GBASE 10Gbit Ethernet
- IPMI Interface with dedicated LAN port

Chassis
- Form Factor: 2U rackmount
- Dimensions: 437mm(W) x 89mm(H) x 647mm(D)
- Cooling System: 3x 8cm 9.5K RPM, 4-pin PWM fans

Storage
- Emergency SSD: 1 x 512GB SATA III 2.5"
- Hard Drives: 12 x 1TB SAS-3 12.0Gbps 3.5" 128MB cache 7200RPM
- RAID-Z2 allows two disks to fail and preserve data integrity

Storage Expansion
- Yes, using Jatheon Xpand

ZFS
- Horizontal scalable expansion
- Self-healing
- Auto Bit Rot Recovery
- Unlimited file system snapshots for archive protection and backups
- Super-efficient file system replication
- Protection Against Data Corruption

Power Supply
- 920W high-efficiency (94%+) AC-DC
- Redundant power supplies with PMBus and I2C
- Input: 100-240 V, 50-60 Hz, 11-4.5 Amp
- Output: 75 Amp @ +12V, 40 Amp @ +5V, 24A @ +3.3V

Front Panel
- Power On/Off button
- System Reset button
- Power status LED
- Hard drive activity LED
- 2x Network activity LEDs
- System Overheat LED
- Fan fail LED

Graphics
- Aspeed AST2500 BMC

I/O Interfaces
- 10x SATA 3.0 ports (6Gbps)
- 8x SAS3 ports (12Gbps)
- 2x RJ45 10Gigabit LAN ports 5x USB 3.0 ports (2 rear + 2 via header + 1 Type A)
- 8x USB 2.0 ports (2 rear + 6 via header)
- 1x VGA port
- 2 COM ports

Operating Environment / Compliance
- RoHS Compliant
- Operating Temperature: 0˚C to 50˚C (32˚F to 122˚F)
- Non-operating Temperature: -40˚C to 70˚C (-40˚F to 158˚F)
- Operating Relative Humidity: 8% to 90% (non-condensing)
- Non-operating Relative Humidity: 5% to 95% (non-condensing)

Shipping Weight
- 72 lb