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## Product Characteristics

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Model	cCore 8x
Storage Capacity	8TB (RAIDZ2)
Available Storage	6TB

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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 8x**, 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	✓

# Core 8X



## System

- Processor: Intel Xeon E3-1230 v6 3.5-3.9GHz (8MB L3 cache 4 cores / 8 threads)
- Memory: 64 GB ECC DDR4-2400
- Chipset: Intel C232
- Network Controllers: 2 x 1000BASE Gbit Ethernet
- IPMI Interface with dedicated LAN port

## Chassis

- Form Factor: 2U rackmount
- Dimensions: 437mm(W) x 89mm(H) x 648mm(D)
- Cooling System: 3x 8cm 9.5K RPM, 4-pin PWM fans

## Storage

- Emergency SSD: 1 x 512GB SATA III 2.5"
- Hard Drives: 8 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 AST2400 BMC

## I/O Interfaces

- 6x SATA 3.0 ports (6Gbps)
- 8x SAS3 ports (12Gbps)
- 2x RJ45 Gigabit Ethernet LAN ports
- 5x USB 3.0 ports (2 rear + 2 via header + 1 Type A)
- 6x USB 2.0 ports (2 rear + 2 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