

Model	cCore 24x
Storage Capacity	24TB (RAIDZ3)
Available Storage:	16TB



## Core24x

Your enterprise needs a secure and powerful data management tool to capture, manage and store valuable business data in corporate email communications to meet compliance regulations, tackle eDiscovery and enable intelligent corporate governance.

**Jatheon's cCore24x delivers across the board:** this all-in-one solution combines the unmatched protection of an on-premise appliance with smart, state-of-the-art technology to provide essential control over confidential information as well as instant, organized access to important data. Fully scalable, cCore24x grows with your needs as your company embraces new markets and opportunities.

### FEATURES

✓	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 & Statistics

### DATA SHEET

#### System:

Processors: 12 cores 2 x Intel Xeon E5-2620 2.0  
(15MB L3 cache 6 cores/12 threads)  
Memory: 64 Gb ECC (max 128 Gb)  
Chipset: Intel C602J  
Network Controllers: 4 x 1000BASE Gbit Ethernet  
IPMI Interface

#### 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:

SSD: 1 x 120GB SATA III 2.5"  
SSD: 1 x 960GB SATA III 2.5"  
SAS: 12 x 2TB 6.0Gbps 3.5"  
128MB cache 7200RPM (hot swap)  
RAID: RAIDZ3

#### Storage:

SAS bus extender for external storage expansion modules

#### ZFS:

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

#### Graphics:

Matrox G200eW

#### I/O Interfaces:

2x SATA 3.0 ports (6Gbps)  
+ 4x SATA 2.0 ports (3Gbps)  
8x SAS2 ports (6Gbps)  
4x RJ45 Gigabit Ethernet LAN ports  
1x RJ45 Dedicated IPMI LAN port  
1x JBOD Expansion Port  
9 USB 2.0 ports total  
(4 rear + 4 via header + 1 Type A)  
1x VGA port  
1x Fast UART 16550 port / 1 Header

#### Front Panel:

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

#### Back Plane:

SAS2 / SATA3 single expander per backplane

#### Power Supply:

920W high-efficiency (94%+) AC-DC  
Redundant power supplies with PMBus and I2C  
Input: 100-240V, 50-60 Hz, 11-4.5 Amp  
Output: 4 Amp @ +5V standby  
75 Amp @ +12V

#### Operating Environment / Compliance:

RoHS Compliant  
Operating Temperature: 10°C to 35°C (50°F to 95°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:

88 lb

