

Model	cCore 48x
Storage Capacity	48TB (RAIDZ3)
Available Storage:	32TB



Core 48x

Today's leading enterprises depend on secure and powerful data management tools to capture valuable business data in corporate email communications to meet compliance regulations, tackle eDiscovery and enable intelligent corporate governance.

Jatheon's cCore48x delivers: providing the unmatched protection of an on-premise solution, cCore48x easily handles high data flow, dynamically monitors, indexes and securely stores all emails, providing essential control over confidential information and letting users intelligently manage and retrieve information instantly. Fully scalable, cCore48x 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: 128 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 4TB 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

