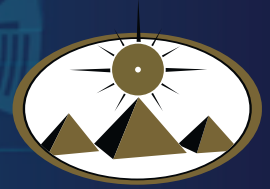


# CRI 30TB DAS

PN - 773430

MSRP - \$4995.00

GSA - \$4645.35 (PROPOSED)



WWW.CDROMINC.COM

40TB direct attached storage with 30TB usable space. Scalable to 126 TB

## Powerful and Scalable 4-Bay Storage Server

- Powerful built-in AES-NI hardware encryption engine
- Encrypted file transmission
- Transcoding up to two channels of H.265/H.264 4K videos at the same time
- Sharing and storing ultra-high definition media content

### High-speed scalable storage server:

CPU	Network	Memory	Performance
Quad-core 1.5GHz burst up to 2.3GHz	Dual 1GbE LAN ports	4GB DDR3L Scalable up to 8GB	Over 225 MB/s and 221 MB/s encrypted sequential reading and writing

### Performance and capacity:

Supports up to two M.2 NVMe 2280 SSDs, allowing fast system cache creation without occupying internal drive bays. Scalable up to 9 drives.

### Storage efficiency:

- Flexible shared folder/user quota system
- Snapshot replication provides schedulable and storage capacity-saving data protection
- File or folder level data restoration makes data recovery fast and flexible
- Automatic file self-healing detects and recovers corrupted files without user intervention

### Digital asset protection:

- Security Advisor - AppArmor - AES 256-bit encryption - 2-step verification - Trust Level
- Synchronize files across your devices  
4K Multimedia server

## CRI 30TB DAS



**CD ROM Inc.**

3131 E. Riverside Drive, Fort Myers, FL 33916

Call 1-866-66-23766

Email [info@cdrominc.com](mailto:info@cdrominc.com)

# SPECIFICATIONS

CPU	
CPU Model	Intel Celeron J3455
CPU Architecture	64-bit
CPU Frequency	Quad Core 1.5 burst up to 2.3 GHz
Hardware Encryption Engine (AES-NI)	✓
Hardware Transcoding Engine	H.264 (AVC), H.265 (HEVC), MPEG-2 and VC-1; maximum resolution: 4K (4096 x 2160); maximum frame rate per second (FPS): 30
Memory	
<b>System Memory:</b> 4 GB DDR3L • <b>Memory Module Pre-installed:</b> 4 GB (4 GB x 1) • <b>Total Memory Slots:</b> 2 • <b>Memory Expandable up to:</b> 8GB (4GB x 2)	
<b>Notes</b> <ul style="list-style-type: none"><li>• Synology reserves the right to replace memory modules with the same or higher frequency based on supplier's product life cycle status. Rest assured that the compatibility and stability have been strictly verified with the same benchmark to ensure identical performance.</li><li>• Please select Synology memory modules for optimum compatibility and reliability. Synology will not provide complete product warranty or technical support if non-Synology memory modules are used for memory expansion.</li></ul>	
Storage	
Drive Bays	4
Max Drive Bays with Expansion Unit	9
M.2 Drive Slots	2 (NVMe)
Compatible Drive Type	3.5" SATA HDD • 2.5" SATA HDD • 2.5" SATA SSD • M.2 2280 NVMe SSD
Maximum Internal Raw Capacity	56 TB (14 TB drive x 4) (Capacity may vary by RAID types)
Max Raw Capacity with Expansion Units	126 TB (56 TB + 14 TB drive x 5) (Capacity may vary by RAID types)
Maximum Single Volume Size	108 TB
Hot Swappable Drive	✓
<b>Notes</b> <ul style="list-style-type: none"><li>• "Compatible drive type" indicates the drives that have been tested to be compatible with Synology products. This term does not indicate the maximum connection speed of each drive bay.</li><li>• The maximum raw capacity is not limited by the maximum single volume size. Synology NAS models may utilize capacities over the maximum single volume size as long as each volume created is below the limit.</li><li>• Expansion of the internal volume is only supported if the combined single volume size does not exceed the maximum limit of 108TB.</li></ul>	
External Ports	
RJ-45 1GbE LAN Port	2 (with Link Aggregation / Failover support)
USB 3.0 Port	2
eSATA Port	1
File System	
Internal Drives	Btrfs • EXT4
External Drives	Btrfs • EXT4 • EXT3 • FAT • NTFS • HFS+ • exFAT*
Notes	exFAT Access is purchased separately in Package Center.
Appearance	
Size (Height x Width x Depth)	166mm x 199mm x 223mm
Weight	2.28kg

# SPECIFICATIONS

Others	
System Fan	92mm x 92mm x 2 pcs
Fan Speed Mode	Full-Speed Mode • Cool Mode • Quiet Mode
Brightness adj. front LED indicators	✓
Power Recovery	✓
Noise Level*	19.8 dB(A)
Scheduled Power On/Off	✓
Wake on LAN/WAN	✓
Power Supply Unit / Adapter	100W
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60Hz, Single Phase
Power Consumption*	28.8W (Access), 12.6W (HDD Hibernation)
British Thermal Unit	98.27 BTU/hr (Access), 42.99 BTU/hr (HDD Hibernation)
Temperature	
<b>Operating Temperature:</b> 5°C to 40°C (40F° to 104°F) • <b>Storage Temperature:</b> -20°C to 60°C (-5F° to 140°F) • <b>Relative Humidity:</b> 5% to 95% RH	
Certification	
EAC • VCCI • CCC • RCM • KC • FCC • CE • BSMI	
Warranty	
1 Year	
Notes	
<ul style="list-style-type: none"><li>• The warranty period starts from the purchase date as stated on your purchase receipt.</li><li>• Power consumption is measured when fully loaded with Western Digital 1TB WD10EFRX hard drive(s).</li><li>• Noise Level Testing Environment: Fully loaded with Seagate 2TB ST2000VN000 hard drive(s) in idle; Two G.R.A.S. Type 40AE microphones, each set up at 1 meter away from the Synology NAS front and rear; Background noise: 16.49-17.51 dB(A); Temperature: 24.25-25.75°C; Humidity: 58.2-61.8%</li></ul>	
Hard Drive	
MFR-Part #	ST10000NE0004
Description	4x 10TB drives leaving 30TB usable space on RAID 5