

XCubeNAS 7000R Series

Self-encrypting technology called SED (Self-Encrypting Drive) makes the XCubeNAS a much safer prospect for businesses.

Even if the physical drive is stolen or misplaced, the data on it remains protected against data breach by generating the authentication key to prevent malicious access.



CPU

Intel® Pentium® 1.6GHz
Quad-Core Processor

RAM

8GB DDR4 ECC U-DIMM
(Max 128GB)

Network

Built-in 10GbE
Solution

Easy Maintenance

Modulised Hardware
Platform Design

Best Enterprise-Level Encryption Solution



SED

Supports self-encrypting drive tech



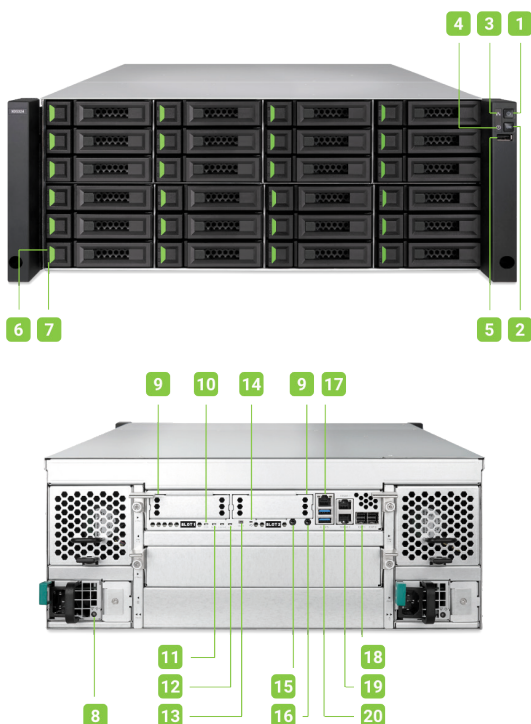
Smart Snapshot Retention

More protection, less resources



Rsync

Distribute data to trusted locations



Diagram* (XN7024R shown)

- | | | | |
|-----------|---------------------------|-----------|----------------------|
| 1 | Power Button | 12 | UID LED Indicator |
| 2 | Unique Identifier Button | 13 | Mute Button |
| 3 | System Access Indicator | 14 | Reset Button |
| 4 | System Status Indicator | 15 | Console Port |
| 5 | USB 2.0 Port | 16 | Service Port |
| 6 | Drive Power Indicator | 17 | Gigabit LAN Port |
| 7 | Drive Status Indicator | 18 | 12Gb/s SAS Wide Port |
| 8 | PSU Indicator | 19 | 10GbE LAN Port |
| 9 | Additional Host Card Slot | 20 | USB 3.0 Port |
| 10 | Controller Status LED | | |
| 11 | Master/Slave LED | | |

*illustrative, other models may vary

Specifications

	XN7024R	XN7016R
Hardware Specs		
Architecture	Single Controller	Single Controller
Storage OS	QSM 3	QSM 3
Memory		
System Flash	8GB SATA DOM	8GB SATA DOM
Memory Module Pre-Installed	8GB DDR4 ECC U-DIMM	8GB DDR4 ECC U-DIMM
Total Memory Slots	4	4
Memory Expandable To	128GB	128GB
Storage		
Drive Bays	3.5" Slot x 24	3.5" Slot x 16
Max Drive Bays with Expansion Unit	232	224
Drive Interface	SAS 12Gb/s SATA 6Gb/s	SAS 12Gb/s SATA 6Gb/s
Max Internal Raw Capacity	336TB	224TB
Max Raw Capacity With Expansion Units	3024TB	2912TB
Hot Swappable Drive	Yes	Yes
External Port		
USB 2.0 Port	1 (Front)	1 (Front)
USB 3.0 Port	2 (Rear)	2 (Rear)
Others	Console Port x1	Console Port x1
Connectivity Port		
1GbE RJ45 LAN Port	1 (Onboard) 4 (Option: HQ-01G4T)	1 (Onboard) 4 (Option: HQ-01G4T)
10GbE RJ45 LAN Port	2 (Onboard) 2 (Option: HQ-10G2T)	2 (Onboard) 2 (Option: HQ-10G2T)
10GbE SFP+ LAN Port	4 (Option: HQ-10G4S2)	4 (Option: HQ-10G4S2)
16Gb SFP+ Fibre Channel	4 (Option: HQ-16F4S2) 2 (Option: HQ-16F2S2)	4 (Option: HQ-16F4S2) 2 (Option: HQ-16F2S2)
Expansion Port		
12Gb/s SAS Wide Port	2 (Onboard)	2 (Onboard)
Host Card Expansion		
Gen3x8 Slot	1	1
Gen2x4 Slot	1	1
Others		
Replaceable System Fan	Yes	Yes
Power Recovery	Yes	Yes
Scheduled Power On/Off	Yes	Yes
Wake on LAN/WAN	Yes	Yes
Power Supply Unit/Adapter	770W/850W x 2 (80 PLUS Platinum)	770W/850W x 2 (80 PLUS Platinum)
Redundant Power Supply	Yes	Yes
Certifications	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI
Warranty	3 Years RTB	3 Years RTB