XCubeNAS
XN7004T

QSAN

The Perfect NAS Solution for SMB Market

QSAN XCubeNAS 7004T equips Intel ® Core ™i3 3.9GHz dual-core processor and Innovative 4+1 Hybrid Storage design, providing a high transfer speed in multi work station environment for media creator, creative professional, and more budget-compliant storage solution. With one PCIe expansion slot, XN7004T is capable for users with more possibility of Thunderbolt 3.0 and 10G (SFP+ / RJ45) module.
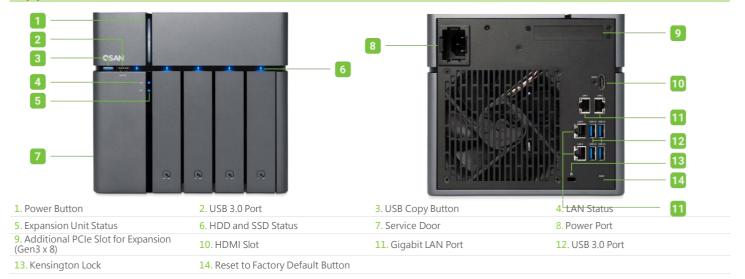
Product Features

- Innovative 4+1 Hybrid Storage Capacity.
- Unified Storage - Integrated storage system supports block and file storage simultaneously and following protocols, iSCSI, CIFS, NFS, FTP, WebDAV, and AFP.
- Comprehensive Data Security - Pool Military level encryption with AES-256, Write Once Read Many (WORM) , Self-Encrypting Drive (SED).
- Universal and Efficient Data Backup - XMirror supports permission backup , disaster recovery and flexible protection between multiple NAS devices.
- Advanced Enterprise Storage Technology - Auto-Tiering, Inline Compression, Deduplication.
- QSAN XCubeNAS is full VM supported : VMware, VEEAM, Citrix certification through virtualization certification standards and compatible with Microsoft Hyper-V environment.
- Support High speed 10GbE adaptor card network solutions.
- The Next Generation Thunderbolt™ 3 Solution.

Application areas

- IT Industry : File storage services, cloud storage services, nearline backup systems, secondary backup storage devices, disaster recovery solutions, virtualization of host and storage devices.
- Government : Disk free workstation system, urban security monitoring system, agenda recording and playback system, digital file storage (digital collection), remote data backup center, cloud storage service, virtualized storage device.
- Education : Administrative system storage device, host and storage device virtualization, network storage service, security monitoring system, digital teaching system, library management system, computer classroom disk free workstation.
- Media Industry : Non-linear editing system, audio-visual editing system, online editing storage system, media database storage management, video on-demand system, content on-demand delivery system, wedding photo studio storage system.
- Finance & Insurance : Telephone marketing recording system, policy image storage device, data storage system , Near-Line backup system, host virtualization application, development system storage device.
- Telecommunications industry : Online music play system, security monitoring system, customer service recording system, network storage service, Near-Line backup system, virtualization of host and storage devices.

Product Spec of XN7004T

Apperance

1. Power Button	2. USB 3.0 Port	3. USB Copy Button	4. LAN Status
5. Expansion Unit Status	6. HDD and SSD Status	7. Service Door	8. Power Port
9. Additional PCIe Slot for Expansion (Gen3 x 8)	10. HDMI Slot	11. Gigabit LAN Port	12. USB 3.0 Port
13. Kensington Lock	14. Reset to Factory Default Button		

Hardware Spec

Architecture	All-in-one
CPU	
Processor	Intel ® Core ™i3 64-bit Dual-Core 3.9GHz
Memory	
System Flash	8GB USB DOM
Memory Module Pre-installed	8GB DDR4 SO-DIMM
Total Memory Slots	2
Memory Expandable up to	32GB
Storage	
Drive Bays	3.5" Slot x 4, 2.5" Slot x 1
Compatible Drive Type	3.5 " SATA HDD,2.5" SATA HDD, 2.5" SATA SSD
Drive Interface	SATA 6Gb/s (backward compatible with SATA 3Gb/s)
Maximum Internal Raw Capacity	110TB
Hot Swappable Drive	yes
External Port	
USB 3.0 Port	5 (Front: 1, Rear: 4)
HDMI Port	1
LAN Port	
1GbE RJ45 LAN Port	4 (Onboard)
10GbE RJ45 LAN Port	2 (Option)
10GbE SFP+ LAN Port	2 (Option)
Thunderbolt 3	2 (Option)
PCIe Expansion	
Gen3x8 Slot	1
Appearance	
Dimension (H x W x D) (mm)	177 x 190 x 235
Chassis Form Factor	Tower 4+1 Bay
Net Weight (kg)	3.6
Gross Weight (kg)	4

Others	
System Fan	120mm x 120mm x 1 pcs
Power Recovery	yes
Scheduled Power On/Off	yes
Wake on LAN/WAN	yes
Power Supply Unit / Adapter	FLEX ATX 200W
AC Input Power Voltage	100V-240V
Power Frequency	50-60 Hz, Single Phase
LCM Support	yes
Environment Temperature	
Operating Temperature	0 to 40°C
Storage Temperature	-10°C to 50°C
Operating Relative Humidity	20% to 80% non-condensing
Non-operating Relative Humidity	10% to 90%
Certification	
	CE / EAC / SASO / RCM / VCCI / BSMI / FCC
Warranty	
Standard Warranty	2 years