

# XCubeNAS

## XN8008T

QSAN



## The Perfect NAS Solution for SMB Market

QSAN XCubeNAS 8008T equips Intel® Core™i5 2.7GHz Quad-Core processor and Innovative 8+1 Hybrid Storage design, providing a high transfer speed(1,280 MB/s read and write) in multi work station environment for media creator, creative professional, and more budget-compliant storage solution. With one PCIe expansion slot, XN8008T is capable for users with more possibility of Thunderbolt 3.0 and 10G (SFP+ / RJ45) module.

### Product Features

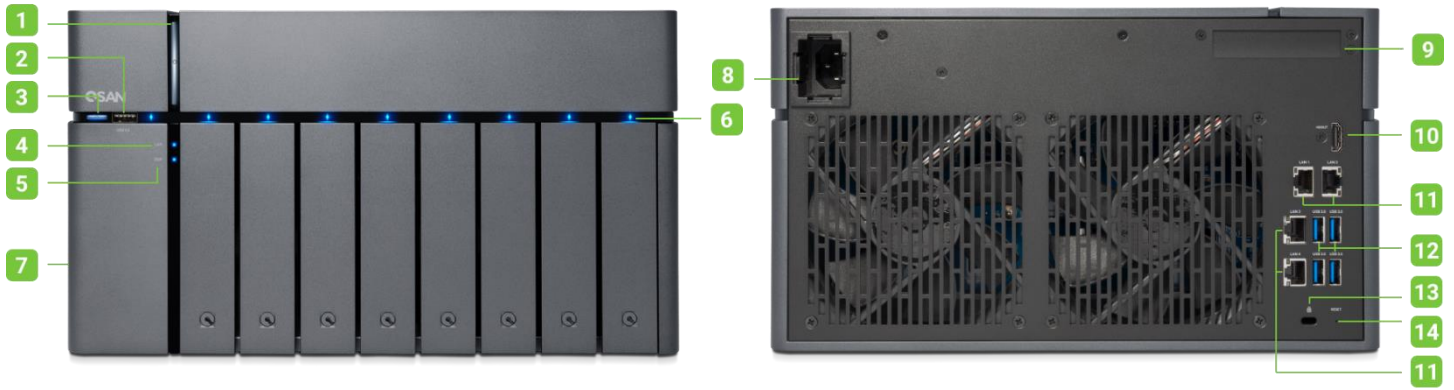
- Innovative 8+1 Hybrid Storage Capacity.
- Unified Storage - Integrated storage system supports block and file storage simultaneously and following protocols, iSCSI, CIFS, NFS, FTP, WebDAV, and AFP.
- Comprehensive Data Security - Pool Military level encryption with AES-256, Write Once Read Many (WORM), 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 XN8008T

## Appearance



- |  |                                     |                      |                  |
|--|-------------------------------------|----------------------|------------------|
| 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
<b>CPU</b>	
Processor	Intel® Core™i5 64-bit Quad-Core 2.7GHz
<b>Memory</b>	
System Flash	8GB USB DOM
Memory Module Pre-installed	8GB DDR4 SO-DIMM
Total Memory Slots	2
Memory Expandable up to	32GB
<b>Storage</b>	
Drive Bays	3.5" Slot x 8, 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	190TB
Hot Swappable Drive	yes
<b>External Port</b>	
USB 3.0 Port	5 (Front: 1, Rear: 4)
HDMI Port	1
<b>LAN Port</b>	
1GbE RJ45 LAN Port	4 (Onboard)
10GbE RJ45 LAN Port	2 (Option: THBE10R2)
10GbE SFP+ LAN Port	2 (Option: XN-E1002)
Thunderbolt 3	2 (Option: XN-TB302)
<b>PCIe Expansion</b>	
Gen3x8 Slot	1
<b>Appearance</b>	
Dimension (H x W x D) (mm)	177 x 310 x 235
Chassis Form Factor	Tower 8+1 Bay
Net Weight (kg)	4.8
Gross Weight (kg)	6

Others	
System Fan	120mm x 120mm x 2 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