XCubeNAS
XN5008T

QSAN

The Perfect NAS Solution for SMB Market

QSAN XCubeNAS 5008T equips Intel® Celeron® dual-core 2.9GHz processor and Innovative 8+1 Hybrid Storage design, providing a high transfer speed(1,023MB/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, XN5008T is capable for users with more possibility of Thunderbolt 3.0 and 10G (SFP+ / RJ45) module.
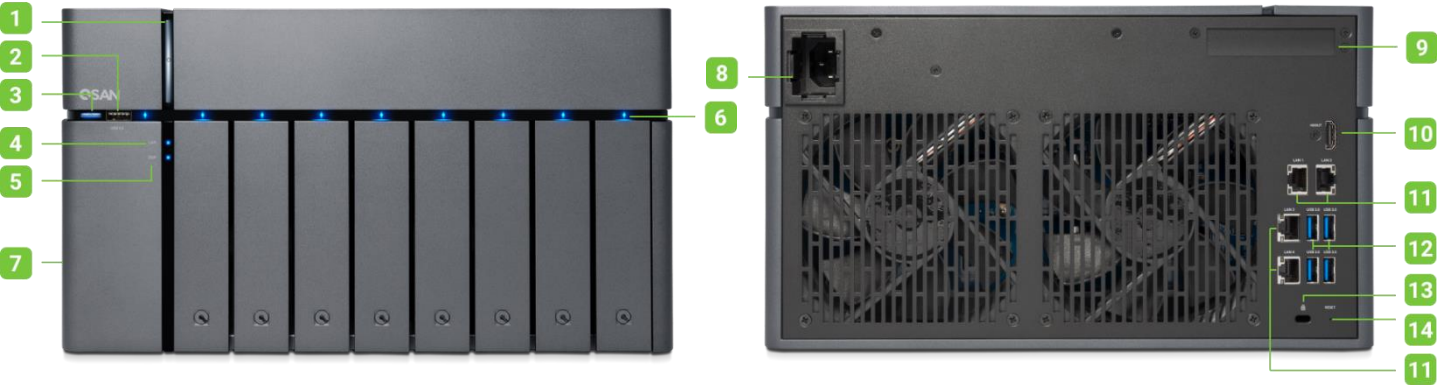
Product Features

* 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 XN5008T

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® Celeron®64-bit Dual-Core 2.9GHz
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 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
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: THBE10R2)
10GbE SFP+ LAN Port	2 (Option: XN-E1002)
Thunderbolt 3	2 (Option: XN-TB302)
PCIe Expansion	
Gen3x8 Slot	1
Appearance	
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