

ALTOS XN5004R

ALTOS|QSAN XN5004R 1U Rackmount NAS is powerful and high efficiency NAS system which is designed for enterprise level applications for SMB and enterprise users, powered by Intel Kaby Lake CPU to provide abundant resources to meet computational requirements of wide variety of applications. Thru its enterprise level operating system, it provides efficiently applications, enterprise level storage solutions and extended bandwidth for comprehensive office environments. With additional PCIe slot, it can support ultra-high speed data transmission, such as 10GbE (SFP+ and RJ45), SAS adapter card and Thunderbolt 3.

Innovative (N+2) Hybrid Storage Capacity

The innovative mechanical design makes ALTOS NAS a versatile hybrid storage device. Without affecting existing its four (4) bay large form factor slots, this NAS adds extra 2 form SFF bays for SATA SSD at the front top side of the system, this way it can meet both the demand for larger capacity and better performance.

Leading Enterprise-level NAS Operating System

ALTOS NAS uses enterprise level operating system which is based on Linux and 128-bit ZFS file system, this high reliability file system not only inherits the amazing native features of ZFS, such as SSD caching data de-dupe and compression technology, but also adjusted with several bespoke optimization enhancements that make NAS XN8008T a high performance, efficient and superior network attached storage device.

100 licenses for PC back-up/recovery purpose, powered by Acronis

ALTOS NAS provides 100 licenses by default for Windows PC back-up/recovery purpose, powered by Acronis, market proven backup/recovery tool.

Client OS supported includes Windows 7, 8, 8.1 and 10 or higher version.

High Expandability & Scalability

Through its PCIe expansion slot, it offers the flexibility for the users to boost up the network speed by adding Thunderbolt 3.0, 10G (SFP+/RJ45) and SAS modules options, it could instantly and effectively respond to different application demands.





CPU	Processor type	Intel® Celeron 2.9Ghz 2C	
	Number of processors	1	
On-board Devices	LAN	4 x 1GbE RJ45	
Memory	Memory (Default)	8GB (Option to upgrade to max 64GB)	
	Memory slot	4 DIMM slots	
	Memory type	DDR4 2400 U-UDIMM	
	Flash	8GB USB DOM	
Software	File System	ZFS	
	Services	CIFS/SMB, NFS, FTP(s)/SFTP, WebDAV(s), SSH, iSCSI, Rsync, AFP, DDNS	
	Virtual Volume Support	EXT2, EXT3 and EXT4, FAT and NTFS	
	Supported OS	Windows, Mac OS X Linux (2.6 or later), UNIV	
	Virtualization	Windows Hyper-V(Storage Space), VMWare 6.7 Ready, VAAI, SRM, Citrix 7.0 Ready	
Data Security		<ul style="list-style-type: none"> ● WORM (Write Once Read Many) ● SED (Self Encrypting Drive) 	<ul style="list-style-type: none"> ● Anti-Virus ● AES-256
I/O ports	Front I/O ports	1 x USB 2.0 port	
	Rear I/O ports	<ul style="list-style-type: none"> ● 4 x USB 3.0 ports ● 1 x HDMI 	<ul style="list-style-type: none"> ● 2 x Power plugs ● 1 x Reset
Expansion Slot		PCIe Gen3.0 x8 (Option for Thunderbolt, 10GbE and SAS adapter card)	
Drive Bays	Storage bays	<ul style="list-style-type: none"> ● 4Bay 3.5" & 2.5" SATA or SED HDD ● 2Bay 2.5" SATA HDD or SSD 	
	RAID	Single disk, RAID 0(Disk Stripping), RAID 1(Disk Mirroring), RAID 5, RAID 5 + Hot Spare, RAID 6, RAID 10	
Power supply		250W 1+1 Redundant	
		Input: 100-240V AC, 5A-2.5A, 50-60Hz	
		Output: +12V DC 20A, +5V SB DC, 2A	
System cooling		Redundant Fan 1+1 Module	
Form factor	Form factor	Rackmount	
	Dimensions (D x W x H)	510 x 438 x 44 (mm)	
Regulatory Compliance		FCC, CE, BSMI(Safety), CB(MET)	

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About Altos

Altos Computing Inc. (abbr. Altos) is established in 2017 and it is a subsidiary of Acer Inc. The business model of Altos is to provide the best streamlined and cost-effective integrated solutions thru in-house R&D working with ODM/IHV/ISV on servers, workstations, thin client, network and storage. In the era of demanding speed, Altos provides leading solution included, but not limited to High Performance Computing, Virtual Desktop Infrastructure, Cloud Infrastructure and Software Defined Storage, etc. Altos provides solutions and services to government, academia, cloud service providers, datacenter operators and enterprises

