



QNAP TS-432PXU-2G NAS Rack (1U) Annapurna Labs Alpine AL-324 2 GB DDR4 56 TB HDD Black

Brand : QNAP

Product code: TS-432PXU-2G/56TB-EXOS

Product name : TS-432PXU-2G



- Two 10GbE SFP+ and two 2.5GbE RJ45 network ports accelerate file sharing
- HBS (Hybrid Backup Sync) backs up and syncs data to other NAS, servers and cloud storage for comprehensive disaster recovery planning
- Boxafe provides an extra layer of protection by backing up emails, cloud drives, contacts, and calendars of Google™ G Suite and Microsoft 365®
- Snapshots fully record system status and data, allowing you to protect files and data from accidental deletion and malware attacks
- Expand the application potential of the TS-432PXU by installing a compatible PCIe card
- Increase the storage capacity of the TS-432PXU with QNAP TR RAID expansion enclosures or TL JBOD 4x 3.5", 2GB DDR3, Alpine AL324, 2.5G RJ-45, 10G SFP+, USB 3.2, 250W PSU, 44x439x499 mm

Storage		Design	
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Chassis type *	Rack (1U)
Storage drive sizes supported	2.5,3.5"	Cooling type *	Active
RAID support *	✓	Product colour	Black
RAID levels	0, 1, 5, 6, 10, JBOD	Number of fans	2 fan(s)
Online RAID migration	✓	Fan diameter	4 cm
Online RAID expansion	✓	LED indicators	HDD, LAN, Status
RAID rebuild	✓	Performance	
Hot-swap drive bays	✓	Type *	NAS
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Device class *	Small & Medium Business
Storage drives installed *	✓	Backup function *	✓
Total installed storage capacity *	56 TB	Backup features	Cloud, iSCSI LUN
Number of storage drives installed *	4	Buzzer	✓
Number of storage drives supported *	4	Multilingual support	✓
Installed storage drive type *	HDD	Snapshot	✓
Supported storage drive types *	HDD & SSD	Web-based management	✓
Bad block scan	✓	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Processor		Access Control List (ACL)	✓
Processor manufacturer *	Annapurna Labs	Reset button	✓
Processor family *	Annapurna Labs	On/off switch	✓
Processor model *	Alpine AL-324	Built-in FTP server	✓
Processor frequency *	1.7 GHz	Browser supported	Mozilla Firefox, Microsoft Internet Explorer 10+, Apple Safari 7+, Google Chrome
Processor cores	4	System log	✓
Memory		Hot spare	✓
Internal memory *	2 GB	S.M.A.R.T. support	✓
Internal memory type	DDR4	Share folder	CIFS/SMB
Maximum RAM supported	16 GB	Universal Plug and Play (UPnP)	✓
Memory slots	1	USB copy function	✓
Memory form factor	UDIMM	Software	
Flash memory	512 MB	Operating system version	4.4.3
Network		Windows operating systems supported	Windows 10, Windows 7, Windows 8
Ethernet LAN *	✓	Linux operating systems supported	✓
Ethernet LAN data rates	100,1000,2500,10000 Mbit/s	Mac operating systems supported	Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina
Ethernet LAN data rate supported (max)	10000 Mbit/s		
DHCP client	✓		
DHCP server	✓		
Jumbo frames support	✓		
iSCSI support	✓		

Network		Software	
Wake-on-LAN ready	✓	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Supported network protocols	PPTP, L2TP/IPSec, OpenVPN, QBelt		
Link aggregation	✓		
Load balancing system	✓		
WLAN adapter supported	✓	Power	
Ports & interfaces		Power supply location	Built-in
USB port *	✓	Power supply unit (PSU) capacity	250 W
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Number of power supply units	1
Fiber ports quantity	2	AC input voltage	100 - 240 V
Fiber optic connector	SFP+	Fan voltage	12 V
Ethernet LAN (RJ-45) ports *	2	Weight & dimensions	
		Width *	439 mm
		Depth *	499 mm
		Height *	44 mm
		Weight	6.53 kg
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Number of screws	28
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 08-SEP-2024. Prints or copies of Information are only valid on the printed Publication date