QNAP TS-432PXU-2G NAS Rack (1U) Annapurna Labs Alpine AL-324 2 GB DDR4 72 TB HDD Black

Brand : QNAP **Product code:** TS-432PXU-2G/72TB-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	
Supported storage drive interfaces	Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support *	✓
RAID levels	0, 1, 5, 6, 10, JBOD
Online RAID migration	✓
Online RAID expansion	✓
RAID rebuild	✓
Hot-swap drive bays	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4
Storage drives installed *	✓
Total installed storage capacity *	72 TB
Number of storage drives installed *	4
Number of storage drives supported *	4
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD
Bad block scan	✓

Processor	
Processor manufacturer *	Annapurna Labs
Processor family *	Annapurna Labs
Processor model *	Alpine AL-324
Processor frequency *	1.7 GHz
Processor cores	4

Memory	
Internal memory *	2 GB
Internal memory type	DDR4
Maximum RAM supported	16 GB
Memory slots	1
Memory form factor	UDIMM
Flash memory	512 MB

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	100,1000,2500,10000 Mbit/s
Ethernet LAN data rate supported (max)	10000 Mbit/s
DHCP client	✓
DHCP server	✓
Jumbo frames support	✓
iSCSI support	✓

Design	
Chassis type *	Rack (1U)
Cooling type *	Active
Product colour	Black
Number of fans	2 fan(s)
Fan diameter	4 cm
LED indicators	HDD, LAN, Status

Performance	
Type *	NAS
Device class *	Small & Medium Business
Backup function *	✓
Backup features	Cloud, iSCSI LUN
Buzzer	✓
Multilingual support	✓
Snapshot	✓
Web-based management	✓
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Access Control List (ACL)	✓
Reset button	✓
On/off switch	✓
Built-in FTP server	✓
Browser supported	Mozilla Firefox, Microsoft Internet Explorer 10+, Apple Safari 7+, Google Chrome
System log	✓
Hot spare	✓
S.M.A.R.T. support	✓
Share folder	CIFS/SMB
Universal Plug and Play (UPnP)	✓
USB copy function	✓

Software	
Operating system version	4.4.3
Windows operating systems supported	Windows 10, Windows 7, Windows 8
Linux operating systems supported	✓
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

Network	
Wake-on-LAN ready	✓
Supported network protocols	PPTP, L2TP/IPSec, OpenVPN, QBelt
Link aggregation	✓
Load balancing system	✓
WLAN adapter supported	✓

Ports & interfaces	
USB port *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
Fiber ports quantity	2
Fiber optic connector	SFP+
Ethernet LAN (RJ-45) ports *	2

Software	
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019

Power	
Power supply location	Built-in
Power supply unit (PSU) capacity	250 W
Number of power supply units	1
AC input voltage	100 - 240 V
Fan voltage	12 V

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