



QNAP TS-1232PXU-RP-4G NAS Rack (2U) Annapurna Labs AL324 4 GB DDR4 144 TB HDD QNAP Turbo System Black



Brand : QNAP

Product code: TS-1232PXU-RP-4G/144TB-IW

Product name : TS-1232PXU-RP-4G

- 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-1232PXU-RP by installing a compatible PCIe card
 - Increase the storage capacity of the TS-1232PXU-RP with QNAP TR RAID expansion enclosures or TL JBOD
- 12x 3.5", 4GB DDR4, Alpine AL324, 2.5G RJ-45, 10G SFP+, USB 3.2, 2x 250W PSU, 89x482x534 mm

Storage		Design	
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Cooling type *	Active
Storage drive sizes supported	2.5,3.5"	Product colour	Black
RAID support *	✓	Number of fans	2 fan(s)
RAID levels	0, 1, 5, 6, 10, JBOD	Fan diameter	7 cm
Online RAID migration	✓	LED indicators	HDD, LAN, Status
Online RAID expansion	✓	Performance	
RAID rebuild	✓	Type *	NAS
Hot-swap drive bays	✓	Device class *	Small & Medium Business
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Backup function *	✓
Storage drives installed *	✓	Backup features	Cloud, iSCSI LUN
Total installed storage capacity *	144 TB	Buzzer	✓
Number of storage drives installed *	12	Multilingual support	✓
Number of storage drives supported *	12	Noise level	32.2 dB
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 *	AL324	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 *	4 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 installed *	QNAP Turbo System
Network		Operating system version	4.4.3
Ethernet LAN *	✓	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Ethernet LAN data rates	100,1000,2500,10000 Mbit/s	Linux operating systems supported	✓
Ethernet LAN data rate supported (max)	10000 Mbit/s		
DHCP client	✓		
DHCP server	✓		
Jumbo frames support	✓		

Network		Software	
iSCSI support	✓	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
Wake-on-LAN ready	✓		
Supported network protocols	PPTP, L2TP/IPSec, OpenVPN, QBEt		
Link aggregation	✓		
Load balancing system	✓		
WLAN adapter supported	✓	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Ports & interfaces		Power	
USB port *	✓	Power supply location	Built-in
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Power supply unit (PSU) capacity	250 W
Fiber ports quantity	2	Number of power supply units	2
Fiber optic connector	SFP+	Power consumption (typical)	83.57 W
Ethernet LAN (RJ-45) ports *	2	AC input voltage	100 - 240 V
		Fan voltage	12 V
Design		Weight & dimensions	
Chassis type *	Rack (2U)	Width *	482 mm
		Depth *	534 mm
		Height *	89 mm
		Weight	11.3 kg
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Number of screws	84
		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