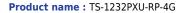
QNAP TS-1232PXU-RP-4G NAS Rack (2U) Annapurna Labs AL324 4 GB DDR4 72 TB HDD QNAP Turbo System Black

Brand : QNAP

Product code: TS-1232PXU-RP-4G/72TB-EXOS



- 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

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Storage		Design	
Supported storage drive interfaces Storage drive sizes supported RAID support * RAID levels	Serial ATA II, Serial ATA III 2.5,3.5" • 0, 1, 5, 6, 10, JBOD	Product colour Number of fans Fan diameter LED indicators	Black 2 fan(s) 7 cm HDD, LAN, Status
Online RAID migration Online RAID expansion	4	Performance	
RAID rebuild Hot-swap drive bays Supported file systems Storage drives installed * Total installed storage capacity * Number of storage drives installed * Number of storage drives supported * Installed storage drive type * Supported storage drive types *		Type * Device class * Backup function * Backup features Buzzer Multilingual support Noise level Snapshot Web-based management Security algorithms	NAS Small & Medium Business Cloud, iSCSI LUN Cloud, iSCSI LUN Cloud, iSCSI LUN Cloud, iSCSI LUN Cloud, iSCSI LUN Cloud, iSCSI LUN Cloud, iSCSI LUN SSI, SSL/TLS
Bad block scan	 ✓ 	Access Control List (ACL)	✓
Processor		Reset button	1
Processor manufacturer * Processor family * Processor model * Processor frequency * Processor cores	Annapurna Labs Annapurna Labs AL324 1.7 GHz 4	On/off switch Built-in FTP server Browser supported System log	Mozilla Firefox, Microsoft Internet Explorer 10+, Apple Safari 7+, Google Chrome
Memory		Hot spare	1
Internal memory * Internal memory type Maximum RAM supported Memory slots	4 GB DDR4 16 GB 1	S.M.A.R.T. support Share folder Universal Plug and Play (UPnP) USB copy function	✓ CIFS/SMB ✓
Memory form factor	UDIMM	Software	
Flash memory Network	512 MB	Operating system installed * Operating system version	QNAP Turbo System 4.4.3
Ethernet LAN * Ethernet LAN data rates Ethernet LAN data rate supported (max) DHCP client DHCP server Jumbo frames support	<pre>100,1000,2500,10000 Mbit/s 10000 Mbit/s </pre>	Windows operating systems supported Linux operating systems supported Mac operating systems supported	Windows 10, Windows 7, Windows 8 ✓ 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		Software	
iSCSI support Wake-on-LAN ready Supported network protocols Link aggregation Load balancing system	✓ ✓ PPTP, L2TP/IPSec, OpenVPN, QBelt ✓	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
		Power	
WLAN adapter supported	√	Power supply location	Built-in
Ports & interfaces		Power supply unit (PSU) capacity Number of power supply units	250 W 2
USB port * USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity Fiber ports quantity Fiber optic connector	1	Power consumption (typical)	- 83.57 W
	4	AC input voltage	100 - 240 V
	2 SFP+	Fan voltage	12 V
		Weight & dimensions	
Ethernet LAN (RJ-45) ports *	2	Width *	482 mm
Design		Depth *	534 mm
Chassis type * Cooling type *	Rack (2U) Active	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) Operating relative humidity (H-H)	0 - 40 °C 5 - 95%

Logistics data

Harmonized System (HS) code 84714100

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