QNAP

QNAP TS-832PXU-RP-4G NAS Rack (2U) Annapurna Labs AL324 4 GB DDR4 128 TB HDD QNAP Turbo System Black

Brand : QNAP

Product code: TS-832PXU-RP-4G/128TB-EXOS

Product name : TS-832PXU-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-832PXU-RP by installing a compatible PCIe card
- Increase the storage capacity of the TS-832PXU-RP with QNAP TR RAID expansion enclosures or TL JBOD

8x 3.5", 4GB DDR4, Alpine AL324, 2.5G RJ-45, 10G SFP+, USB 3.2, 2x 250W PSU, 89x482x534 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 *	128 TB
Number of storage drives installed *	8
Number of storage drives supported *	8
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 *	AL324
Processor frequency *	1.7 GHz
Processor cores	4

Memory

Internal memory *	4 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

Design

Chassis type *	Rack (2U)
Cooling type *	Active
Product colour	Black
Fan diameter	2 mm
Fan diameter 2	7 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 installed *	QNAP Turbo System
Operating system version	4.4.3

Network

Ethernet LAN data rate supported (max)	10000 Mbit/s
DHCP client	✔
DHCP server	✔
Jumbo frames support	✔
iSCSI support	✔
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

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
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	2
AC input voltage	100 - 240 V
Fan voltage	12 V

Weight & dimensions

Width *	482 mm
Depth *	534 mm
Height *	89 mm

Packaging content

Cables included	AC, LAN (RJ-45)
Number of screws	56

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%

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