

## QNAP TS-832PXU-RP-4G NAS Rack (2U) Ethernet LAN Black AL324

Brand : QNAP

Product code: TS-832PXU-RP-4G/48TB-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                                |                               | Design                              |   |
|--|-------------------------------|-------------------------------------|---|
| Supported storage drive interfaces     | Serial ATA II, Serial ATA III | Chassis type *                      | Rack (2U)   |
| Storage drive sizes supported          | 2.5,3.5"                      | Cooling type *                      | Active  |
| RAID support *                         | ✓                             | Product colour                      | Black   |
| RAID levels                            | 0, 1, 5, 6, 10, JBOD          | Fan diameter                        | 2 mm  |
| Online RAID migration                  | ✓                             | Fan diameter 2                      | 7 cm  |
| Online RAID expansion                  | ✓                             | LED indicators                      | HDD, LAN, Status  |
| RAID rebuild                           | ✓                             | <b>Performance</b>                  |   |
| 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 *     | 48 TB                         | Backup features                     | Cloud, iSCSI LUN  |
| Number of storage drives installed *   | 8                             | Buzzer                              | ✓   |
| Number of storage drives supported *   | 8                             | 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  |
| <b>Processor</b>                       |                               | 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                          | ✓   |
| <b>Memory</b>                          |                               | Hot spare                           | ✓   |
| Internal memory type                   | DDR4                          | S.M.A.R.T. support                  | ✓   |
| Maximum RAM supported                  | 16 GB                         | Share folder                        | CIFS/SMB  |
| Memory slots                           | 1                             | Universal Plug and Play (UPnP)      | ✓   |
| Internal memory *                      | 4 GB                          | USB copy function                   | ✓   |
| Memory form factor                     | UDIMM                         | <b>Software</b>                     |   |
| Flash memory                           | 512 MB                        | Operating system installed *        | QNAP Turbo System   |
| <b>Network</b>                         |                               | 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                  | 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 |
| 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                          | ✓                                | <b>Power</b>                       |   |
| <b>Ports &amp; interfaces</b>                   |                                  | 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       | 2   |
| Fiber ports quantity                            | 2                                | AC input voltage                   | 100 - 240 V   |
| Fiber optic connector                           | SFP+                             | Fan voltage                        | 12 V  |
| Ethernet LAN (RJ-45) ports *                    | 2                                | <b>Weight &amp; dimensions</b>     |   |
|   |                                  | Width *                            | 482 mm  |
|   |                                  | Depth *                            | 534 mm  |
|   |                                  | Height *                           | 89 mm   |
|   |                                  | <b>Packaging content</b>           |   |
|   |                                  | Cables included                    | AC, LAN (RJ-45)   |
|   |                                  | Number of screws                   | 56  |
|   |                                  | <b>Operational conditions</b>      |   |
|   |                                  | 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: 25-MAR-2024. Prints or copies of Information are only valid on the printed Publication date