# QNAP TS-832PXU-RP NAS Rack (2U) Annapurna Labs AL324 4 GB DDR4 0 TB QNAP Turbo System Black

Gamintojas: **QNAP** · Modelis: **TS-832PXU-RP-4G** · EAN: **4713213518144** · Prekės kodas: **937353**



**1,875.90€**

Kaina su PVM

Be PVM: **1,550.33€**

In Stock

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## Pagrindinės savybės

- ✓ 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™ Workspace 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







Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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### Aprašymas

With 10GbE SFP+ and 2.5GbE network ports, the TS-832PXU-RP delivers high network bandwidth to streamline team collaboration and file access. A PCIe Gen 2 ×2 slot allows for installing a QNAP expansion card to add network connectivity, SSD caching capabilities, or wireless connectivity.

## Higher performance x faster throughput

The TS-832PXU-RP is powered by an Annapurna Labs Alpine AL-324 ARM® Cortex®-A57 quad-core 1.7 GHz processor with 4GB DDR4 RAM (expandable to 16GB) and SATA 6Gb/s drives to deliver higher performance. With two 10GbE SFP+ and two 2.5GbE network ports, the TS-832PXU-RP provides incredible bandwidth to fulfil high-speed file access, backup/restoration and media transfer, while also allowing the flexible allocation of network resources for individual applications and services.

## Upgrade your network to increase team efficiency

QNAP provides various high-speed network solutions at attainable price points. The QSW network switches provide managed and unmanaged 10GbE and 2.5GbE options for building high-speed networks. QNAP also offers 10GbE / 5GbE / 2.5GbE network expansion cards and a USB to 5GbE adapter for Windows® / Linux® devices, allowing all of your workstations to take advantage of high-speed networks.

## Boost NAS performance with SSDs

As SSDs become more affordable, using SSDs on NAS can improve performance without requiring a heavy investment. The TS-832PXU-RP supports SSD cache technology, Qtier™ auto-tiering storage, and SSD over-provisioning, helping you to balance storage performance, storage allocation, and IT expenses.

## Balance performance and capacity

Boost NAS performance by enabling SSD caching. Coupled with Qtier™ auto-tiering technology, you can find the perfect storage configuration between high-performance SSD and high-capacity HDD while balancing performance and cost.

## Extend SSD lifespan

SSD Extra Over-provisioning allows for adding 1~60% reserved space to avoid performance degradation, helping to increase system stability and extend SSD lifespan.

## Multi-point file backup, access and sync

HBS (Hybrid Backup Sync) consolidates data backup, recovery, and data synchronization. With high-speed 10GbE connectivity, you can easily back up or sync data to another QNAP NAS, remote server or cloud storage to build a reliable disaster recovery solution. Qsync turns the TS-832PXU-RP into a secure, high-capacity data center for file synchronization. Any file uploaded to the TS-832PXU-RP will be made available for all linked devices, such as computers, laptops, and mobile devices. You can also sync shared folders or create team folders to enhance team collaboration.

## Easily find and automatically organize files and photos

The TS-832PXU-RP provides greater convenience in file management. You can quickly find files using Qsirch, organize photos using QuMagie and auto-archive them with Qfiling.

## File search

Qsirch quickly finds images, music, videos, documents, emails, and other files by using keywords, colors and different filters.

## Photo management

QuMagie identifies people and objects in photos and supports automated photo categorization, allowing you to easily find similar photos.

## Auto archiving

Qfiling automates file organization or recycling based on self-configured rules, greatly improving work efficiency.

## Secure Google™ Workspace and Microsoft 365® backup

The convenience of Software as a Service (SaaS) solutions such as Google™ Workspace and Microsoft 365® has led to its adoption by many businesses and organizations. However, many users fail to protect this cloud data against data loss, data recovery limitations, and human error. The TS-832PXU-RP includes QNAP Boxafe, allowing you to back up files, emails, calendars and contacts from Google™ Workspace and Microsoft 365® to provide an extra layer of data protection for business cloud data.

## Low Latency Access to Cloud Data with Cloud Storage Gateways

By deploying cloud storage gateways and enabling local caching on the TS-832PXU-RP, you can seamlessly use the cloud for storage, backup, and data recovery with low-latency access, providing an innovative hybrid cloud experience.

## HybridMount File-Based Cloud Gateway

Flexibly expand your storage capacity by connecting to cloud storage. You can leverage QTS apps to manage and edit your cloud files or monitor multimedia files. HybridMount is ideal for file server online collaboration and file-level data analysis.

## VJBOD Cloud Block-Based Cloud Gateway

VJBOD Cloud supports backing up NAS data to block-based cloud storage. Block-based data transmission uploads random data and large files to the cloud in blocks, and only block-based volume or LUN changes are transmitted. This is ideal for backing up LUN, databases, and confidential files.

## Flexibly expand storage capacity whenever needed

The storage capacity of the TS-832PXU-RP can be easily expanded to meet growing data demands. Simply connect a QNAP TR RAID expansion enclosure or TL JBOD to expand storage space on demand. With QNAP's Virtual JBOD (VJBOD) technology, the unused space of the TS-832PXU-RP can also be used to expand the storage space of other QNAP NAS.

## PCIe expandability for greater application potential

The TS-832PXU-RP includes a PCIe Gen 2 x2 slot, enabling you to expand its application potential by installing a compatible PCIe card.

## Network Adapter

Add additional 2.5GbE/ 5GbE/ 10GbE network ports to boost bandwidth-demanding tasks, such as massive data transmission and fast backup/restoration.

## QM2 Card

Add M.2 SSD caching or 10GbE (10GBASE-T) connectivity to the NAS for optimized performance and bandwidth.

## USB Card

Add QNAP USB 3.2 Gen 2 expansion card to benefit from 10Gbps data transfer performance with newer, faster USB devices for transferring large media files.

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## Redundant power for dependable services

The TS-832PXU-RP is equipped with a redundant power supply to ensure maximum service uptime. Combined with dual 10GbE SFP+ and dual 2.5GbE ports, your businesses can easily maintain 24/7 operations, guaranteeing a cost-effective and reliable storage solution.

### Techninė specifikacija

| | |
|---|---|
| **Storage** | |
| Storage drives installed | No |
| Total installed storage capacity | 0 TB |
| Number of storage drives installed | 0 |
| Number of storage drives supported | 8 |
| Installed storage drive type | No |
| Supported storage drive types | HDD & SSD |
| Storage drive capacity | 0 GB |
| Storage drive interface | Serial ATA III |
| RAID support | Yes |
| Supported storage drive interfaces | Serial ATA II, Serial ATA III |
| Storage drive sizes supported | 2.5,3.5" |
| RAID levels | 0, 1, 5, 6, 10, JBOD |
| Online RAID migration | Yes |
| Online RAID expansion | Yes |
| RAID rebuild | Yes |
| Hot-swap drive bays | Yes |
| Supported file systems | FAT32, HFS+, NTFS, ext3, ext4 |
| Bad block scan | Yes |
| **Processor** | |
| Processor family | Annapurna Labs |
| Processor manufacturer | 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 |

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| | |
|---|---|
| Memory slots | 1 |
| Memory form factor | UDIMM |
| Flash memory | 512 MB |
| **Network** | |
| Ethernet LAN | Yes |
| Ethernet LAN data rates | 100,1000,2500,10000 Mbit/s |
| Ethernet LAN data rate supported (max) | 10000 Mbit/s |
| DHCP client | Yes |
| DHCP server | Yes |
| Jumbo frames support | Yes |
| iSCSI support | Yes |
| Wake-on-LAN ready | Yes |
| Supported network protocols | PPTP, L2TP/IPSec, OpenVPN, QBelt |
| Link aggregation | Yes |
| Load balancing system | Yes |
| WLAN adapter supported | Yes |
| **Ports & interfaces** | |
| Ethernet LAN (RJ-45) ports | 2 |
| USB port | Yes |
| USB 2.0 ports quantity | 0 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 4 |
| Fiber ports quantity | 2 |
| Fiber optic connector | SFP+ |
| Concurrent connections | 700 |
| **Design** | |
| Chassis type | Rack (2U) |
| Cooling type | Active |
| Product colour | Black |
| Number of fans | 2 fan(s) |
| Fan diameter | 7 cm |
| LED indicators | HDD, LAN, Status |
| **Performance** | |
| Type | NAS |
| Device class | Small & Medium Business |

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| | |
|---|---|
| Backup function | Yes |
| Backup features | Cloud, iSCSI LUN |
| Buzzer | Yes |
| Multilingual support | Yes |
| Noise level | 30.6 dB |
| Snapshot | Yes |
| Web-based management | Yes |
| Security algorithms | 256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS |
| Access Control List (ACL) | Yes |
| Reset button | Yes |
| On/off switch | Yes |
| Built-in FTP server | Yes |
| Browser supported | Mozilla Firefox, Microsoft Internet Explorer 10+, Apple Safari 7+, Google Chrome |
| System log | Yes |
| Hot spare | Yes |
| S.M.A.R.T. support | Yes |
| Share folder | CIFS/SMB |
| Universal Plug and Play (UPnP) | Yes |
| USB copy function | Yes |

## Software

| | |
|---|---|
| Operating system installed | QNAP Turbo System |
| Operating system version | 5.0.0 |
| Windows operating systems supported | Windows 10, Windows 7, Windows 8 |
| Linux operating systems supported | Yes |
| 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 |
| Power consumption (typical) | 69.191 W |
| AC input voltage | 100 - 240 V |
| Fan voltage | 12 V |

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| | |
|---|---|
| **Weight & dimensions** | |
| Width | 482 mm |
| Depth | 534 mm |
| Height | 89 mm |
| Weight | 10.9 kg |
| Package width | 560 mm |
| Package depth | 720 mm |
| Package height | 270 mm |
| Package weight | 14.4 kg |
| **Packaging content** | |
| Cables included | AC, LAN (RJ-45) |
| Number of screws | 56 |
| Package type | Box |
| **Operational conditions** | |
| Operating temperature (T-T) | 0 - 40 °C |
| Operating relative humidity (H-H) | 5 - 95% |
| **Logistics data** | |
| Harmonized System (HS) code | 84714100 |
| **Other features** | |
| Warranty period | 3 year(s) |
| **Matmenys ir svoris** | |
| Matmenys (I × P × A) | 72.00cm × 56.00cm × 27.00cm |
| Svoris | 14.36kg |

## Dokumentai ir vaizdo įrašai

- User manual
- Product leaflet

## Gamintojo ir saugos informacija

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