

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

Gamintojas: **QNAP** · Modelis: **TS-832PXU-4G** · EAN: **4713213518151** · Prekės kodas: **507764**



1 602,90 €

Kaina su PVM

Be PVM: **1 324,71 €**

Neturime



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

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



Aprašymas

With 10GbE SFP+ and 2.5GbE network ports, the TS-832PXU delivers high network bandwidth to streamline team collaboration and file access. A PCIe Gen 2 x2 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 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 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 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 into a secure, high-capacity data center for file synchronization. Any file uploaded to the TS-832PXU 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 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 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, 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 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 can also be used to expand the storage space of other QNAP NAS.

PCIe expandability for greater application potential

The TS-832PXU 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.

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, 50, 60, 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
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
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
Dynamic DNS (DDNS)	Yes
WLAN adapter supported	Yes
Ports & interfaces	
Ethernet LAN (RJ-45) ports	2
USB port	Yes
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
Fiber ports quantity	2
Fiber optic connector	SFP+
Design	
Chassis type	Rack (2U)
Cooling type	Active
Product colour	Aluminium, Black
Number of fans	2 fan(s)
Fan diameter	7 cm
LED indicators	HDD, LAN, Status
Performance	
Type	NAS
Device class	Small & Medium Business
Backup function	Yes
Backup features	Cloud, iSCSI LUN
Buzzer	Yes
Multilingual support	Yes
Noise level	24.9 dB
Third-party support	Yes
Snapshot	Yes
Web-based management	Yes
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMP, SSH
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
Disk scan	Yes
S.M.A.R.T. support	Yes
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	CentOS 7.0, Solaris 10 U4, Solaris 10 U5, Ubuntu 14.04, openSUSE 12.1, openSUSE 12.2
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	1
Power consumption (typical)	56.412 W
AC input voltage	100 - 240 V
Fan voltage	12 V

Weight & dimensions

Width	482 mm
Depth	534 mm
Height	89 mm
Weight	9.45 kg
Package width	560 mm
Package depth	720 mm
Package height	270 mm
Package weight	12.7 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%
Storage temperature (T-T)	-20 - 70 °C
Logistics data	
Harmonized System (HS) code	84714100
Other features	
Warranty period	3 year(s)