QNAP TS-832PX NAS Tower Annapurna Labs AL324 4 GB DDR4 0 TB QNAP Turbo System Aluminium, Black

Gamintojas: **QNAP** · Modelis: **TS-832PX-4G** · EAN: **4713213518182** · Prekės kodas: **975837**



1,163.90€

Kaina su PVM

Be PVM: **961.90€**

In Stock

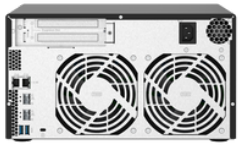
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Pagrindinės savybės

- ✓ Two 10GbE SFP+ and two 2.5GbE RJ45 network ports empower bandwidth-demanding tasks and accelerate file sharing
- ✓ PCIe expansion allows for installing a QM2 card to add M.2 SSDs for caching, a 10/5GbE network card, or a wireless network expansion card
- ✓ Snapshots record your system status, allowing you to protect files and data from accidental deletion and malware attacks
- ✓ Cloud storage gateways realize hybrid cloud applications by working with the cache space reserved on NAS to ensure low-latency data access to the cloud
- ✓ Qtier™ auto-tiering technology and SSD caching enable constant storage optimization
- ✓ Increase the storage capacity of the TS-832PX 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

Energy-efficient Quad-core Processor

Powered by 64-bit quad-core 1.7GHz ARM Cortex-A57 processor and 4 GB DDR4 RAM (expandable to 16 GB), the TS-832PX features is highly energy efficient without impacting system or application performance.

High-speed 10GbE and 2.5GbE connectivity

The TS-832PX includes two 10GbE SFP+ and two 2.5GbE LAN RJ45 ports, providing out-of-the-box support for high-speed networking and supporting Port Trunking and Failover to reinforce your network infrastructure. QNAP also provide many other high-speed networking solutions, including 10GbE/2.5GbE managed/unmanaged switches and network adapters, allowing you to build a budget-friendly high-speed network environment.

Extend NAS Functionality with a PCIe Card

With a PCIe Gen 2.0 slot, the TS-832PX provides flexibility in extending NAS functionality and potential applications. To optimize system performance, install a QNAP QM2 card for M.2 SATA/NVMe SSD caching/10GbE connectivity and use with Qtier for optimal system performance. You can also use a QNAP Wi-Fi 6 (802.11AX) network card to create a wireless environment. Additional options include QXG 5GbE/2.5GbE network adapter cards and USB 3.2 Gen 2 (10Gbps) cards. All these options ensure that the TS-832PX can be upgraded to fit future requirements.

Protect Important Data with Snapshots

Snapshots fully record the NAS system state and metadata and can be used to quickly restore files to previously-recorded states if they are accidentally deleted/modified or if the system is compromised by ransomware. QNAP snapshots are block-based and only record modified data. Not only does this save storage space, but also reduces the time required to back up and restore data. The TS-832PX supports up to 256 snapshots per NAS and up to 64 snapshots per volume or LUN.

Multi-Point File Backup, Access, and Sync

The TS-832PX supports common file sharing protocols (including SMB/CIFS, AFP and NFS) for Windows®, Mac®, and Linux®/UNIX® devices. Coupled with Qsync (a utility that transforms a QNAP NAS into a secure, high-capacity data center for file synchronization) any file uploaded to the TS-832PX becomes available for all linked devices (such as computers, laptops, and mobile devices). Hybrid Backup Sync helps you easily backup or synchronize data on the TS-832PX to another QNAP NAS, remote server, or cloud storage (including Microsoft One Drive®, Google Drive™, and Dropbox®) for disaster recovery.

Smart AI Photo Management

QuMagie integrates QuMagie Core AI image recognition technology for facial recognition, subject identification, and geotagging photos. Similar photos are categorized into People, Places, and Things albums. QuMagie also features a built-in timeline scroll, customizable folder covers, iOS® Live Photo display and a powerful search tool, to provide you with the ultimate photo management and image sharing solution.

Low-latency Access to Cloud Data with Cloud Storage Gateways

By deploying cloud storage gateways and enabling local caching on the TS-832PX, 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.

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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.

Easily find and automatically organize files

The TS-832PX provides greater convenience for managing files. You can quickly find files using Qsirch 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.

Auto archiving

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

Secure remote access to your QNAP NAS

Use myQNAPcloud Link to access, share, download, and manage files stored on an HQ-based NAS via the Internet. QNAP NAS also supports VPN services for remote workers to access the NAS and resources on a private network from the Internet. You can also use QVPN Device Client powered by QNAP's proprietary QBelt protocol to easily connect to your TS-832PX and use measurement tools to know the speed of your VPN connections and connection history.

Flexible and economical storage expansion

QNAP provides several ways to expand the storage capacity of the TS-832PX to accommodate data growth:

- Upgrade RAID Capacity

Hot-swap lower-capacity drives with larger-capacity drives to expand the TS-832PX.

- Attach Expansion Enclosures

Connect two expansion enclosures (4-bay TR-004, 2-bay TR-002) or one 8-bay TL-D800C, 4-bay TL-D400S, 8-bay TL-D800S JBOD and use the Storage & Snapshots Manager to handle NAS capacity expansion.

- Migrate to a New NAS

Install your NAS hard drives into a larger QNAP NAS and retain all your existing data and configurations.

Multiply Your Productivity

QVR Pro

Build a secure surveillance environment without any extra software needed. Provides free embedded channels and you can also purchase QVR Pro licenses to deploy a large-scale surveillance network.

Notification Center

Consolidates all QTS system events, alerts, and notifications for easy NAS management, keeping you always informed of your NAS status.

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Security Counselor

A security portal for checking weaknesses and providing recommendations for enhancing NAS security. It also integrates anti-virus and anti-malware scanning software.

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+S, 5, 6, 6+HS, 10+HS, 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+, ext3, ext4
Bad block scan	Yes
Disk roaming	Yes
Processor	
Processor family	Annapurna Labs
Processor manufacturer	Annapurna Labs
Processor model	AL324
Processor frequency	1.7 GHz
Processor cores	4
Processor architecture	ARM Cortex-A57
Number of processors supported	1
Memory	

Internal memory	4 GB
Internal memory type	DDR4
Memory clock speed	2400 MHz
Maximum RAM supported	16 GB
Memory slots	1
Memory form factor	SO-DIMM
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
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	3
Fiber ports quantity	2
Fiber optic connector	SFP+
Design	
Chassis type	Tower
Cooling type	Active
Product colour	Aluminium, Black
Number of fans	3 fan(s)
Fan diameter	12 cm
Fan diameter 2	6 cm
Drive bay locking	Yes
LED indicators	HDD, LAN, Status, System, USB
Cable lock slot	Yes

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Cable lock slot type	Kensington
Performance	
Type	NAS
Device class	Small & Medium Business
Backup function	Yes
Backup features	Cloud, USB drive, iSCSI LUN
Buzzer	Yes
Noise level	19.6 dB
Third-party support	Yes
Snapshot	Yes
Management protocols	SNMP
Web-based management	Yes
Share folder access right management	Yes
Remote administration	256-bit AES,FIPS 140-2,HTTPS,SNMP,SSH
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 BitTorrent client	Yes
Built-in FTP server	Yes
Browser supported	Apple Safari 7+, Google Chrome, Microsoft Internet Explorer 10+, Mozilla Firefox
System log	Yes
Hot spare	Yes
S.M.A.R.T. support	Yes
Remotely operated	Yes
Backup button	Yes
Universal Plug and Play (UPnP)	Yes
USB copy function	Yes
Software	
Operating system installed	QNAP Turbo System
Operating system version	5.0.0

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Windows operating systems supported	Windows 10, Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 Pro, Windows 10 Pro x64, Windows 10 x64, Windows 7, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 7 x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64
Linux operating systems supported	CentOS 7.0, Ubuntu 14.04
Mac operating systems supported	Mac OS X 10.0 Cheetah, Mac OS X 10.1 Puma, 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, Mac OS X 10.15.3 Catalina
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Other operating systems supported	IBM AIX 7.1, IBM AIX 7.2, Solaris 10

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	250 W
Number of power supply units	1
Power consumption (typical)	50.858 W
Power consumption (sleep)	27.949 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Fan voltage	12 V
Output current	3.5 A

Weight & dimensions

Width	329.3 mm
Depth	279.6 mm
Height	188.2 mm
Weight	6.38 kg
Package width	295 mm
Package depth	390 mm
Package height	417 mm
Package weight	6.52 kg

Packaging content

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

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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	2 year(s)
Matmenys ir svoris	
Matmenys (I × P × A)	42.00cm × 30.00cm × 40.00cm
Svoris	7.98kg

Dokumentai ir vaizdo įrašai

- User manual
- Product leaflet
- Vaizdo įrašas youtube.com/watch?v=v0qdg00OKN0

Gamintojo ir saugos informacija

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