QNAP TS-473A NAS Tower Ryzen Embedded V1500B 8 GB DDR4 0 TB QNAP Turbo System Black

Gamintojas: **QNAP** · Modelis: **TS-473A-8G** · EAN: **4713213518847** · Prekės kodas: **970395**



1,029.90€

Kaina su PVM

Be PVM: **851.16€**

In Stock

Prekė internetu
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Pagrindinės savybės

- ✓ 2.5GbE connectivity: Both 2.5GbE ports are backwards compatible with 1GbE/ 100MbE speeds. Up to 5 Gbps transfer speeds can be achieved by using port trunking
- ✓ Flexible PCIe expansion: Add extra functionality with PCIe cards, including 10GbE ports, SSD caching, extra USB 3.2 Gen 2 ports, wireless networking, or Fibre Channel
- ✓ GPU applications: Supports entry-level NVIDIA® graphics cards for video processing or GPU-passthrough to VMs
- ✓ SSD cache acceleration: Features two M.2 PCIe NVMe SSD slots for Qtier Technology and SSD Caching enable constant storage optimization
- ✓ Virtualization applications: Host containerized applications and virtual machines with various operating systems
- ✓ Supports QTS/QuTS hero OS: Features QTS operating system and supports switching to ZFS-based QuTS hero for greater reliability







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

High performance AMD Ryzen™ processor

The TS-473A is powered by an AMD Ryzen™ V1000 series V1500 quad-core 2.2 GHz processor with up to 64GB RAM (ECC memory is supported*) and features USB 3.2 Gen 2 ports for speeds up to 10 Gb/s. The TS-473A also provides one USB Type-C port for supporting more devices to transfer large media files across devices, providing you with a more efficient workflow.

Transform your network with a wallet-friendly 2.5GbE switch

Upgrading your network shouldn’t break the bank, and 2.5GbE connectivity provides immediately noticeable improvements compared to standard 1GbE. QNAP offers 2.5GbE switches that supports Multi-Gigabit NBASE-T™ and allows you to use existing CAT5e cables to connect multiple computers and NAS, assisting organizations in implementing high-speed, secure and scalable network environments without going over budget.

Switch operating systems for optimal data integrity and reliability

The TS-473A also supports QuTS hero - QNAP’s ZFS-based NAS operating system. Providing end-to-end data integrity, data reduction (inline data deduplication, compression and compaction), and much more, QuTS hero uses additional system resources to ensure an optimal environment for protecting business data.

Obtain performance benefits from M.2 SSD caching

The TS-473A features 2 M.2 NVMe SSD slots for you to enjoy SSD caching or Qtier auto tiering Technology

Improve random data access speeds with an SSD cache

SSD caches accelerate IOPS performance and reduce latency for storage volumes. They are perfect for IOPS-demanding applications (including databases and virtualization) and can significantly improve overall workflows.

Maximize the value of SSDs with Qtier Technology

Qtier™ Technology empowers the TS-473A with auto tiering that helps continuously optimize storage efficiency by automatically moving data between M.2 SSDs, 2.5-inch SSDs, and high-capacity HDDs based on the data's access frequency. Qtier™ 2.0 features IO-awareness that empowers SSD-tiered storage with a cache-like reserved space to handle burst I/O in real time, greatly maximizing the advantages of SSDs.

Upgrade to 10GbE and abundant capability with PCIe expansion

The TS-473A features two PCIe Gen 3 x4 slots that allows for various expansion cards for expanding application potential.

Easy and Secure File Management

File Station allows direct management of files stored on the TS-473A and in the cloud. Users can easily upload files from their PC, drag/drop files between folders, rename/delete files, and configure file/folder permissions to prevent unauthorized access. Microsoft Office Online can also be used to directly view/edit Microsoft Office documents stored on the TS-473A. Confidential/sensitive data can be encrypted to add extra security.

Install a graphics card for GPU-accelerated computing

Graphics cards are optimized for graphical calculations and transformations, but require significantly more power than other hardware. The TS-473A features PCIe slots to support low-profile graphics cards that do not need power cables, including NVIDIA® GeForce® GTX1650 graphics cards to boost performance of applications such as video editing , 4K UHD transcoding, imaging processing in QTS and performance of virtual machines via GPU passthrough.

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Build an affordable Fibre Channel SAN environment

Common Fibre Channel Storage Area Networks (SAN) devices are often costly. By installing a QNAP 16Gb Fibre Channel card (QXP-16G2FC 16Gb) in the TS-473A, you can set a Fibre Channel Target using the iSCSI & Fibre Channel app. Moreover, the LUN Masking and Port Binding features provide an additional layer of data security.

High-speed 2.5GbE VM Backup Solution

With Hyper Data Protector, the TS-473A becomes an agentless backup tool for unlimited VMware® vSphere and Microsoft® Hyper-V VM backup. Hyper Data Protector features incremental backup, global deduplication, backup scheduling and recovery compression. With 2.5GbE connectivity, backup and restoration times are greatly reduced, providing a cost-effective solution for disaster recovery.

QNAP Backup & Data Protection Solutions: Complete Apps & Utilities at Your Fingertips

QNAP provides comprehensive solutions for virtually all data protection requirements. Discover an array of apps/utilities to help you back up various sources, including:

- Boxafe – Google Workspace (G Suite) /Microsoft 365 SaaS backup
- Hyper Data Protector – VMware vSphere/Microsoft Hyper-V VM backup
- Hybrid Backup Sync – QNAP NAS/file server/macOS backup
- NetBak Replicator – Windows backup
- Snapshot – QNAP NAS protection/backup

Flexible and economical storage expansion

QNAP provides easy storage capacity expansion solutions. Here are several ways to expand your TS-473A storage as needed to accommodate data and business growth.

Upgrade RAID Capacity

Hot-swap lower-capacity drives with larger-capacity drives to expand your NAS capacity so it can grow with your business.

Attach Expansion Enclosures

Connect two TR-004 RAID expansion enclosures, or one 8-bay TL-D800S SATA 6 Gb/s JBOD, and use the QTS Storage & Snapshots Manager to easily 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.

More productivity applications

Qsirch

QNAP’s powerful, Google-like search tool for quickly finding specific images, music, videos, documents, and emails by keywords, color, and more search conditions.

Boxafe

Backup/sync files, emails, calendars and contacts from Google™ Workspace and Microsoft® Office 365® into the TS-473A to safeguard enterprise cloud data.

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QuMagie

An AI-powered photo management app, supporting automated photo categorization with AI Albums, iOS® Live Photo display, and powerful search tool for ultimate photo management and sharing 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	4
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	M.2, Serial ATA, Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5,M.2
Number of system drives installed	1
System drive capacity	5 GB
Number of M.2 (M & B) slots	2
RAID levels	0, 1, 5, 6, 10, JBOD
Online RAID migration	Yes
Online RAID expansion	Yes
RAID rebuild	Yes
Hot-swap drive bays	Yes
Processor	
Processor family	Ryzen Embedded
Processor manufacturer	AMD
Processor model	V1500B
Processor frequency	2.2 GHz
Processor generation	AMD Ryzen Embedded V1000 Series
Processor cores	4
Processor threads	8
On-board graphics card model	Not available

Memory	
Internal memory	8 GB
Internal memory type	DDR4
Maximum RAM supported	64 GB
Memory slots	2
Memory form factor	SO-DIMM
ECC	Yes
Flash memory	5000 MB
Network	
Ethernet LAN	Yes
Ethernet LAN data rates	100,1000,2500 Mbit/s
DHCP server	Yes
Jumbo frames support	Yes
Wake-on-LAN ready	Yes
Dynamic DNS (DDNS)	Yes
Ports & interfaces	
Ethernet LAN (RJ-45) ports	2
USB port	Yes
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Concurrent connections	2000
PCI Express x4 (Gen 3.x) slots	2
Design	
Chassis type	Tower
Cooling type	Active
Product colour	Black
Number of fans	2 fan(s)
Fan diameter	12 cm
Fan diameter 2	6 cm
Drive bay locking	Yes
LED indicators	LAN, Power, SSD, Status, USB
Performance	
Type	NAS
Device class	Small & Medium Business

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Backup function	Yes
Backup features	Cloud, USB drive, iSCSI LUN
Buzzer	Yes
Noise level	21.4 dB
Security algorithms	256-bit AES, FIPS 140-2, SSH, SSL/TLS
Reset button	Yes
On/off switch	Yes
Built-in FTP server	Yes
Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Password authentication	Yes
Disk scan	Yes
S.M.A.R.T. support	Yes
Remotely operated	Yes

Software

Operating system installed	QNAP Turbo System
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
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)	29.792 W
Power consumption (HDD standby)	19.576 W
AC input voltage	100 - 240 V
AC input frequency	50-60 Hz
Output current	3.5 A

Weight & dimensions

Width	199.3 mm
Depth	279.6 mm
Height	188.2 mm
Weight	5.03 kg
Package width	255 mm

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Package depth	383 mm
Package height	345 mm
Package weight	6.12 kg
Packaging content	
Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Number of screws	24
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
Storage relative humidity (H-H)	5 - 95%
Logistics data	
Harmonized System (HS) code	84714100
Other features	
Warranty period	2 year(s)
Matmenys ir svoris	
Matmenys (I × P × A)	35.00cm × 39.00cm × 25.00cm

Dokumentai ir vaizdo įrašai

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

Gamintojo ir saugos informacija

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