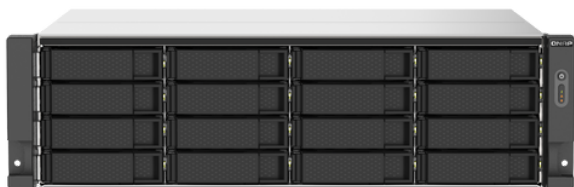


QNAP TS-1673AU-RP-16G NAS ir duomenų saugojimo serveris Stovas (3U) Ryzen Embedded V1500B 16 GB DDR4 0 TB QNAP QTS Juoda, Pilka

Gamintojas: **QNAP** · Modelis: **TS-1673AU-RP-16G** · EAN: **4713213517895** · Prekės kodas: **938027**



4 379,90 €

Kaina su PVM

Be PVM: **3 619,75 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Smulkusis ir vidutinis verslas NAS Stovas (3U) Juoda, Pilka
- ✓ QNAP QTS 5,0,0
- ✓ Palaikomų saugojimo tvarkyklių skaičius: 16 HDD & SSD „Serial ATA II“, „Serial ATA III“
- ✓ Ryzen Embedded V1500B 2,2 GHz
- ✓ 16 DDR4 Atminties lizdai: 2 UDIMM
- ✓ Ethernet LAN jungtis DHCP serveris Jumbo Frames palaikymas iSCSI palaikymas
- ✓ Aušinimo tipas: Aktyvus
- ✓ Atsarginio atkūrimo funkcijos: „Cloud“, iSCSI LUN 550 W



Aprašymas

TS-1673AU-RP

High-performance dual-2.5GbE NAS Powered by a Quad-core AMD Ryzen™ processor, supporting 10GbE or M.2 SSD caching PCIe expandability for virtual applications

(Supports QTS or QuTS hero system)

With its powerful AMD Ryzen™ V1000 series V1500B Quad-core processor, the TS-1673AU-RP is capable of boosting virtual machine performance with up to 4 cores/8 threads at 2.2GHz. The TS-1673AU-RP includes two 2.5GbE ports and two PCIe Gen 3 slots, providing you with fast network connectivity and the ability to add extra functionality and additional application potential.

Absolute performance with AMD Ryzen™ and up to 64GB RAM

Powered by a 4-core/8-thread AMD Ryzen™ V1500B 2.2GHz processor with AES-NI encryption acceleration and up to 64GB DDR4 RAM, the rackmount TS-1673AU-RP delivers aggressive yet power-smart performance to drive resource-demanding business applications such as VDI, R&D, private cloud, and server virtualization.

Block-based iSCSI LUN: Ideal choice for virtualization storage

The TS-1673AU-RP supports block-based iSCSI LUN and is compatible for VMware®, Citrix®, Microsoft® Hyper-V®, and Windows Server® 2019 virtualization environments to provide a high-performance and affordable storage solution. The TS-1673AU-RP also supports VMware VAAI and Microsoft ODX to increase performance by offloading server loading for ESXi server and Hyper-V respectively, and supporting QNAP vSphere Client plug-in with enhanced operational efficiency and management in virtualization applications.

Optimized performance for VMware Virtualization with iSER

The iSCSI Extensions for RDMA (iSER) protocol boosts the data transfer performance of VMware® ESXi storage and reduces the CPU load of the ESXi server. iSER support can be added to the TS-1673AU-RP by installing a QNAP QXG-10G25F-CX4 10GbE PCIe card, which uses the NVIDIA® Mellanox ConnectX-4 controller. iSER can provide a significant increase in performance, providing an essential tool to optimize demanding virtualization applications.

All-in-one server to host virtual machines and containers

Regardless of your virtualization needs, you can count on Virtualization Station and Container Station for complete virtualization support. Use the Network & Virtual Switch app to allocate adequate physical network resources to virtual machines, containers, and the TS-1673AU-RP to simplify network deployment.

Upgrade to 2.5GbE networking

The TS-1673AU-RP comes with two 2.5GbE RJ45 LAN ports that allow you to use existing CAT5e cables to upgrade network speeds from 1 Gigabit to 2.5 Gigabit. 5GbE speeds can also be attained by using Port Trunking. To upgrade your laptops and desktops to take advantage of high-speed networks, QNAP offer various adapters and peripherals, including a USB 3.2 Gen 1 to 5GbE adapter (Model name QNA-UC5G1T) and 5GbE PCIe expansion card (Model name QXG-5G1T-111C).

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. The QSW-1105-5T is an unmanaged switch with five 2.5GbE ports (backwards compatible with 1G/100M) and supports CAT5e cables to connect multiple computers and NAS. The QSW-1105-5T is energy-saving, low-noise, plug-and-use, and supports loop detection and blocking to provide a simple and effective high-speed network environment.

Abundant I/O capabilities with PCIe expansion

The TS-1673AU-RP includes two PCIe Gen 3 x4 slots, allowing you to add additional functionality with compatible PCIe cards. By using a suitable adapter, you can consolidate both slots into a single PCIe Gen 3 x8 slot.

GPU-accelerated computing

Graphics cards are optimized for graphical calculations and transformations, but require significantly more power than other hardware. The TS-1673AU-RP supports entry-level low-profile NVIDIA® GeForce® graphics cards (such as the GT 1030 or GT 1050) that do not require additional power. Installing a graphics card can boost performance of applications such as video editing, 4K video transcoding, imaging processing in QTS and the performance of virtual machines via GPU passthrough.

Accelerate IOPS performance with SSD Caching

Adding an SSD cache to the TS-1673AU-RP is an easy way to increase IOPS performance and reducing storage volume latency. It is perfect for IOPS-demanding applications (including databases and virtualization) and can significantly improve overall workflows. You can launch, stop, or change settings to meet your needs at any moment without shutting down the system.

Optimum Performance and Reliability

The TS-1673AU-RP supports advanced business features to provide maximized efficiency, performance, and to ensure round-the-clock services.

Move business data to the cloud flexibly and economically

By deploying cloud storage gateways and enabling local caching on the TS-1673AU-RP, you can seamlessly use the cloud for storage, backup, and data recovery with low-latency access, providing an innovative hybrid cloud experience.

High-speed VM Backup Solution

With Hyper Data Protector, the TS-1673AU-RP 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 that provides you with a cost-effective and reliable disaster recovery plan, ensuring 24/7 operation of your services.

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-1673AU-RP, 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.

Flexible and economical storage expansion

QNAP provides easy storage expansion solutions. Here are several ways to expand the storage of your TS-1673AU-RP to accommodate data and business growth:

Attach Expansion Enclosures

Besides supporting SAS or QXP SATA expansion cards, the TS-1673AU-RP provides USB interfaces to connect a RAID Expansion Enclosure. Use the QTS Storage & Snapshots Manager to easily handle NAS capacity expansion.

VJBOD

Use VJBOD (Virtual JBOD) to expand your storage capacity by using the unused storage of other QNAP NAS. Up to eight QNAP NAS can be mounted as local disks on the TS-1673AU-RP.

Upgrade RAID Capacity

Hot swap lower-capacity drives with larger-capacity drives so that your TS-1673AU-RP can grow with your business.

Migrate to a New NAS

Install your TS-1673AU-RP hard drives into a larger QNAP NAS and retain all your existing data and configurations.

Techninė specifikacija

Laikmenos	
Įrengti saugojimo kaupikliai	Taip
Bendras įrengtos saugyklos pajėgumas	0 TB
Įrengtų saugojimo tvarkyklių skaičius	0
Palaikomų saugojimo tvarkyklių skaičius	16
Įdiegtas kaupiklio tipas	Ne
Palaikomi saugojimo kaupiklių tipai	HDD & SSD
Saugojimo kaupiklio talpa	0 GB
RAID palaikymas	Taip
Palaikomi saugojimo kaupiklių sąsajos	„Serial ATA II“, „Serial ATA III“
Palaikomi saugojimo kaupiklio dydžiai	2.5,3.5"
RAID lygiai	0, 1, 5, 6, 10, 50, 60, JBOD
Tisioginė RAID migracija	Taip
Tiesioginė RAID plėtra	Taip
RAID atkūrimas	Taip
Neišjungus pakeičiami diskų skyreliai	Taip
Palikomų failų sistemos	FAT32, HFS+, NTFS, ext3, ext4
Blogo bloko nuskaitymas	Taip
Procesorius	
Procesoriaus šeima	Ryzen Embedded
Procesoriaus gamintojas	AMD
Procesoriaus modelis	V1500B
Procesoriaus dažnis	2,2 GHz
Procesoriaus karta	AMD Ryzen Embedded V1000 Series
Procesoriaus branduoliai	4
Temų skaičius	8

L2 slėptuvė	2 MB
L3 slėptuvė	4 MB
Integruoto grafikos adapterio modelis	Nepasiekiamo
Atmintis	
Vidinė atmintis	16 GB
Vidinės atminties tipas	DDR4
Maksimali palaikoma RAM atmintis	32 GB
Atminties lizdai	2
Atminties formos koeficientas	UDIMM
Flash atmintis	5000 MB
Tinklas	
Ethernet LAN jungtis	Taip
Eterneto LAN duomenų perdavimo norma	10,100,1000,2500 Mbit/ai
DHCP klientas	Taip
DHCP serveris	Taip
Jumbo Frames palaikymas	Taip
iSCSI palaikymas	Taip
Dinaminis DNS (DDNS)	Taip
Ryšys	
Ethernet LAN (RJ-45) portų kiekis	2
USB prievadas	Taip
USB 2.0 portų kiekis	0
USB 3.2 (3.1 1 kart.) A tipo prievadų skaičius	1
USB 3.2 2 kart. (3.1 2 kart.) A tipo prievadų skaičius	1
USB 3.2 2 kart. (3.1 2 kart.) C tipo prievadų skaičius	2
Konstrukcija	
Bloko tipas	Stovas (3U)
Aušinimo tipas	Aktyvus
Produkto spalva	Juoda, Pilka
Ventiliatorių skaičius	3 ventiliatorius(iai / ių)
Ventiliatoriaus skersmuo	8 cm
LED indikatoriai	HDD, LAN, Energija, Būsena, USB
Veikimo charakteristikos	
Tipas	NAS

Įrenginio klasė	Smulkusis ir vidutinis verslas
Atsarginio atkūrimo funkcija	Taip
Atsarginio atkūrimo funkcijos	„Cloud“, iSCSI LUN
Zumeris	Taip
Kalbų palaikymas	Taip
Palaikoma trečioji šalis	Taip
Momentinė nuotrauka	Taip
Web pagrįstas valdymas	Taip
Apsaugos algoritmų palaikymas	256-bit AES, FIPS 140-2, HTTPS, SNMPv3, SSH, SSL/TLS
Prieigos kontrolės sąrašas (ACL)	Taip
Atstatymo mygtukas	Taip
On/off mygtukas	Taip
Įmontuotas „iTunes“ serveris	Taip
Įmontuotas FTP serveris	Taip
Palaikoma naršyklė	Apple Safari 7+, Google Chrome, Microsoft Internet Explorer 10+, Mozilla Firefox
Sistemos žurnalas	Taip
Greito automatinio rezervo įjungimo įrenginys	Taip
S.M.A.R.T. palaikymas	Taip
Bendrinamas katalogas	CIFS/SMB
Universali „Plug and Play“ jungtis (UPnP)	Taip
Programinė įranga	
Numatyta operacinė sistema	QNAP QTS
Operacinės sistemos versija	5,0,0
Palaikomos „Windows“ operacinės sistemos	Windows 10, Windows 7, Windows 8
Palaikoma operacinė sistema „Linux“	Taip
Palaikomos MAC operacinės sistemos	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
Palaikomos serverio valdymo sistemos	Windows Server 2008 R2, Windows Server 2008 R2 x64, Windows Server 2012, Windows Server 2012 R2, Windows Server 2012 R2 x64, Windows Server 2012 x64, Windows Server 2016, Windows Server 2016 x64, Windows Server 2019
Kitos palaikomos operacinės sistemos	Solaris 10
Energijos valdymas	
Maitinimo šaltinio vieta	Integruota
Maitinimo šaltinio įrenginio (PSU) talpa	550 W
Maitinimo šaltinių skaičius	2

Energijos suvartojimas	97,34 W
Energijos suvartojimas (sleep mode)	47,75 W
AC įėjimo įtampa	100 - 240 V
AC įėjimo dažnis	50 - 60 Hz
Ventiliatoriaus įtampa	12 V
Svoris ir matmenys	
Plotis	430 mm
Ilgis	371 mm
Aukštis	132 mm
Svoris	12 kg
Pakuotės plotis	595 mm
Pakuotės gylis	593 mm
Pakuotės aukštis	305 mm
Paketo svoris	17,1 kg
Pakuotės turinys	
Pridėti kabeliai	AC, LAN (RJ-45)
Varžtų skaičius	64
Pakuotės tipas	„Box“
Aplinkos sąlygos	
Darbo temperatūros diapazonas (TT)	0 - 40 °C
Darbo santykinės drėgmės diapazonas	5 - 95%
Sandėliavimo temperatūros norma (T-T)	-20 - 70 °C
Logistikos duomenys	
Darniosios sistemos (DS) kodas	84714100
Kitos savybės	
Garantinis laikotarpis	3 metai
Matmenys ir svoris	
Svoris	17,00kg

Dokumentai ir vaizdo įrašai

- › [Naudojimo instrukcija](#)
- › [Greitos pradžios vadovas](#)
- › [Gaminio lankstinukas](#)
- › [Vaizdo įrašas](#) youtube.com/watch?v=ABA2JQSP2Nk

Gamintojo ir saugos informacija

GAMINTOJAS

QNAP Systems

Zhongxing Rd., Xizhi Dist. No. 22, 221 New Taipei
City, TW

qnap.com

ATSAKINGAS ASMUO ES

QNAP GmbH

Karl-Arnold-Straße 26, 47877 Willich, DE
qnap.com

PLATINTOJAS

MB KOMPIUTERIŲ GURU

V. Nagevičiaus g. 3, LT-08237 Vilnius
info@shopro.lt