

# QNAP TS-832PXU - NAS server



06-08-2024

SKU	TS-832PXU-4G
Product Description:	QNAP TS-832PXU - NAS server
Device Type:	NAS server
Host Connectivity:	Gigabit Ethernet / 2.5 Gigabit Ethernet / 10 Gigabit Ethernet
Enclosure Type:	Rack-mountable - 2U
Installed Devices / Modules Qty:	0 (installed) / 8 (max)
Dimensions (WxDxH):	48.2 cm x 53.4 cm x 8.9 cm
Weight:	9.45 kg ()

## General

Device Type:	NAS server
Host Connectivity:	Gigabit Ethernet / 2.5 Gigabit Ethernet / 10 Gigabit Ethernet
Enclosure Type:	Rack-mountable - 2U
Total Storage Capacity:	0 GB
Installed Devices / Modules Qty:	0 (installed) / 8 (max)
Width:	48.2 cm
Depth:	53.4 cm
Height:	8.9 cm
Weight:	9.45 kg ()
Built-in Devices:	Led panel

## Processor / Memory

Processors Installed:	1 x Annapurna Labs Alpine AL-324 1.7 GHz
Number of Cores:	Quad-Core
Max Supported Qty:	1
RAM:	4 GB (installed) / 16 GB (supported) - DDR4
Flash Memory Installed:	512 MB

## Storage Controller

## Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	40 °C
Humidity Range Operating:	5 - 95% (non-condensing)
Sound Emission:	24.9 dBA

## Dimensions & Weight (Shipping)

Shipping Weight:	15.19 kg
------------------	----------

## Software / System Requirements

Storage Operating System:	QNAP QTS 4.4.3
OS Required:	SunSoft Solaris 10 or higher, Microsoft Windows Server 2008 R2, IBM AIX 7, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2, Ubuntu 14.04, Red Hat Enterprise Linux 6.6, Microsoft Windows 7 / 8 / 10, Microsoft Windows Server 2016, Apple MacOS X 10.10 or later, CentOS 7.0, Microsoft Windows Server 2019, SuSE Linux 12 or later

## Power

Power Device:	Internal power supply
Voltage Required:	AC 120/230 V
Power Provided:	250 Watt

## Storage Controller

Type: RAID

Interface Type: SATA 6Gb/s

RAID Level: RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, JBOD, RAID 60

## Power

### Miscellaneous

Cables Included: 1 x network cable

Features: Audible alarm, wake on LAN, built-in 2 cooling fans, Online RAID Level Migration (RLM), scheduled power on/off, S.M.A.R.T. support, dual boot

Compliant Standards: FIPS 140-2

Included Accessories: 24 x flat head screws (for 2.5" HDD), 32 x flat head screws (for 3.5" HDD), power cable

### Expansion / Connectivity

Expansion Bays: 8 (total) / 8 (free) x hot-swap - 2.5" / 3.5"

Expansion Slots: 1 (total) / 1 (free) x PCI Express 2.0 x2 ; 1 (total) / 0 (free) x DIMM 288-pin

Interfaces: 2 x 2.5 Gigabit Ethernet - RJ-45 ; 4 x USB 3.2 Gen 1 - Type A ; 2 x Ethernet 10Gb - SFP+

### Security DVR

IP Cameras Supported: 16

### Networking

Data Link Protocol: 100Mb LAN, 1GbE, 10GbE, 2.5GbE

Network / Transport Protocol: TCP/IP, PPTP, L2TP, IPSec, iSCSI, SMTP, FTP, DHCP, SMB, DDNS, NFS, SFTP, RTSP, HTTP, HTTPS, IPv4, IPv6

Remote Management Protocol: SNMP 2, Telnet, SNMP 3, HTTP, HTTPS, TFTP, SSH, SFTP, SMTP

## Networking

### Network Services Compatibility:

Microsoft Active Directory (AD), File Level Security (ACLs), DHCP, DDNS, Microsoft CIFS, FTP, FTPS, Server Message Block (SMB), Apple File Protocol (AFP), HTTP, HTTPS, Web-based Distributed Authoring and Versioning (WebDAV), SFTP, Network File System v3 (NFS v3), Network File System v4 (NFS v4)

### Features:

NAT support, hardware encryption, load balancing, LDAP support, wake on LAN (WOL), Syslog support, manageable, E-mail alert, firmware upgradable, Spanning Tree Protocol (STP) support, web server, backup server, download client, file sharing, anti-malware protection, event log, Access Control List (ACL) support, Jumbo Frames support, DHCP server, FTP server, SMS alert, BitTorrent Client, UPnP Media Server, Network Access Protection (NAP), reset button, bandwidth control, surveillance station, DLNA Media Server, Apple Time Machine compatible, DHCP client, static routing, cloud backup, VPN Server, ONVIF support, Dropbox support, Wi-Fi USB dongle support, Link Aggregation, Photo album server, Google Drive support, scheduler, failover protection, VPN client, push notification, Amazon Cloud Drive support, Yandex Disk support, Microsoft OneDrive support, Chromecast support, hubiC support, OpenStack Swift-compatible, port trunking, IFTTT agent, iSCSI LUN clone/snapshot, Microsoft Azure support, Amazon S3 support, Amazon Glacier support, HiDrive support, FXP support, RTRR server, RTRR client, hybrid backup sync, Qfiling, Qsirch, Qcontactz, Qfinder Pro, Q'center (NAS CMS), Rsync compatible, snapshot (folder and LUN), IPv4 and IPv6 dual stack, PPTP server, OpenVPN client, OpenVPN server, Alibaba Cloud OSS support, Backblaze B2 support, VJBOD Cloud, myQNAPcloud, Qsync, QuMagie, Qmiix agent

### Encryption Algorithm:

SSL, TLS 1.0, FIPS 140-2, 256-bit AES, TLS 1.1, TLS 1.2

## Networking

Compliant  
Standards:

UPnP

