

QNAP TS-832PXU - NAS server



05-11-2024

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

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, RAID 60, JBOD

Power

Miscellaneous

Cables Included: 1 x network cable

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

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

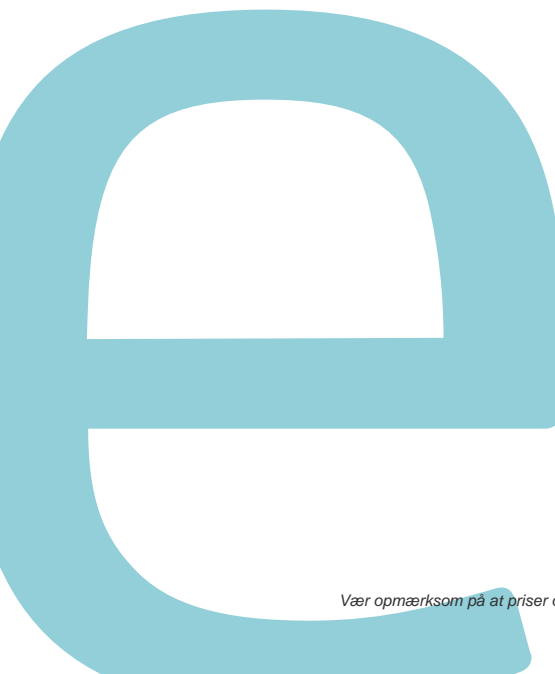
IP Cameras Supported: 16

Networking

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

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

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



Networking

Network Services

Compatibility:

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

Features:

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

Encryption Algorithm:

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

Compliant Standards:

UPnP