QNAP

QNAP TS-432X-4G võrkupääsu- ja varundusserver NAS Tower Alpine Alpine AL-524 4 GB DDR4 QNAP QTS Must

Brand : QNAP

Product name : TS-432X-4G

Product code: TS-432X-4G

QNAP TS-432X-4G. Tüüp: NAS. Keretüüp: Tower. Seadme klass: Kodu ja kodukontor. Protsessori perekond: Alpine, Protsessori mudel: Alpine AL-524, Protsessori sagedus: 2 GHz. Sisemälu: 4 GB, Sisemälu tüüp: DDR4. Installitud operatsioonisüsteem: QNAP QTS
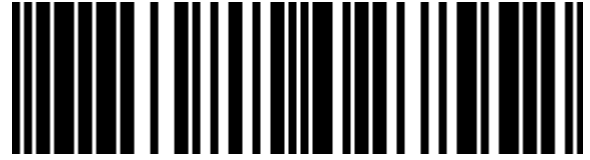
Storage	
Storage drive capacity *	0 GB
Supported storage drive interfaces	Serial ATA, Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support *	✔
RAID levels	0, 1, 5, 6, 10, 50, JBOD
Online RAID migration	✔
Online RAID expansion	✔
RAID rebuild	✔
Hot-swap drive bays	✔
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4
Storage drives installed *	✘
Number of storage drives supported *	4
Installed storage drive type *	✘
Supported storage drive types *	HDD & SSD
Auto-rebuild	✔
Disk roaming	✔

Processor	
Processor manufacturer *	Annapurna Labs
Processor family *	Alpine
Processor model *	Alpine AL-524
Processor frequency *	2 GHz
Processor cores	4

Memory	
Internal memory *	4 GB
Internal memory type	DDR4
Maximum RAM supported	16 GB
Memory slots	1
Memory form factor	SO-DIMM
ECC	✔
Flash memory	512 MB

Network	
Ethernet LAN *	✔

Design	
Fan diameter	12 cm
LED indicators	HDD, LAN, Power, Status, USB
Built-in display	✘
Cable lock slot	✔
Cable lock slot type	Kensington

Performance	
Type *	NAS
Device class *	Home & Home Office
Backup function *	✔
Backup features	Cloud, USB drive
Buzzer	✔
Number of users	4096 user(s)
Snapshot	✔
Access Control List (ACL)	✔
Reset button	✔
On/off switch	✔
Built-in FTP server	✔
Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
System log	✔
Hot spare	✔
S.M.A.R.T. support	✔

Software	
Operating system installed *	QNAP QTS
Operating system version	5.1.7
Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
Linux operating systems supported	✔

Network

Ethernet LAN data rates	100,1000,2500 Mbit/s
Ethernet LAN data rate supported (max)	10000 Mbit/s
DHCP server	✔
Jumbo frames support	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Supported network protocols	IPv4, IPv6
Dynamic DNS (DDNS)	✔

Ports & interfaces

USB port *	✔
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
Fiber ports quantity	1
Fiber optic connector	SFP+
Ethernet LAN (RJ-45) ports *	2
PCI Express x4 (Gen 3.x) slots	1

Design

Chassis type *	Tower
Cooling type *	Active
Product colour	Black
Number of fans	1 fan(s)

Software

Mac operating systems supported	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, Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey, Mac OS X 13.0 Ventura, Mac OS X 14.0 Sonoma
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2 Core, Windows Server 2016, Windows Server 2022
Other operating systems supported	Solaris 10, Solaris 10 SPARC, Solaris 11, Solaris 11 SPARC

Power

Power supply location	External
Power supply unit (PSU) capacity	90 W
AC input voltage	100 - 240 V
Output voltage	12 V

Weight & dimensions

Width *	170 mm
Depth *	165 mm
Height *	226.5 mm
Weight	1.99 kg
Package weight	4.8 kg

Packaging content

External power adapter	✔
Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Number of screws	28
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%

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