



QNAP TS-932PX-4G NAS Tower Annapurna Labs Alpine AL-324 4 GB DDR4 20 TB HDD QNAP Turbo System Black

Brand : QNAP

Product code: TS-932PX-4G/20TB-REDPRO

Product name : TS-932PX-4G

- Two 10GbE SFP+ and two 2.5GbE RJ45 network ports empower bandwidth-demanding tasks and accelerate file sharing
 - HBS provides comprehensive backup and data recovery; QuDedup deduplicates the data at the source to optimize storage and bandwidth usage, while reducing backup times
 - Snapshots record your system status, allowing you to protect files and data from accidental deletion and malware attacks
 - Cloud storage gateways realize hybrid cloud applications by working with the cache space reserved on NAS to ensure low-latency data access to the cloud
 - Qtier auto-tiering technology and SSD caching enable constant storage optimization
 - Increase the storage capacity of the TS-932PX with QNAP TR RAID expansion enclosures or TL JBOD
- Alpine AL-324 1.7GHz, 4 GB DDR4, 512 MB, 5x 3.5", 4x 2.5", 2x 2.5G LAN, 2x 10G SFP+, 3x USB 3.2, 182.7x224.6x224.1 mm



Storage		Design	
Supported storage drive interfaces	Serial ATA III	Chassis type *	Tower
Storage drive sizes supported	2.5,3.5"	Cooling type *	Active
RAID support *	✓	Product colour	Black
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Number of fans	1 fan(s)
Online RAID migration	✓	Fan diameter	14 cm
Online RAID expansion	✓	LED indicators	HDD, LAN, SSD, Status, USB
RAID rebuild	✓	Cable lock slot	✓
Hot-swap drive bays	✓	Cable lock slot type	Kensington
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Performance	
Storage drives installed *	✓	Type *	NAS
Total installed storage capacity *	20 TB	Device class *	Small & Medium Business
Number of storage drives supported *	9	Backup function *	✓
Installed storage drive type *	HDD	Backup features	Cloud, iSCSI LUN
Supported storage drive types *	HDD & SSD	Buzzer	✓
Bad block scan	✓	Multilingual support	✓
Disk roaming	✓	Snapshot	✓
Processor		Web-based management	✓
Processor manufacturer *	Annapurna Labs	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3, SSH, SSL/TLS
Processor family *	Annapurna Labs	Access Control List (ACL)	✓
Processor model *	Alpine AL-324	Reset button	✓
Processor frequency *	1.7 GHz	On/off switch	✓
Processor architecture	ARM Cortex-A57	Built-in FTP server	✓
Memory		Browser supported	Apple Safari 7+, Google Chrome, Microsoft Internet Explorer 10+, Mozilla Firefox
Internal memory *	4 GB	System log	✓
Internal memory type	DDR4	Hot spare	✓
Maximum RAM supported	16 GB	S.M.A.R.T. support	✓
Memory slots	1	Share folder	CIFS/SMB
Memory form factor	SO-DIMM	USB copy function	✓
Flash memory	512 MB	Software	
Network		Operating system installed *	QNAP Turbo System
Ethernet LAN *	✓	Operating system version	4.4.2
Ethernet LAN data rates	100,1000,2500,10000 Mbit/s		

Network		Software	
Ethernet LAN data rate supported (max)	10000 Mbit/s	Windows operating systems supported	Windows 10, Windows 7, Windows 8
DHCP client	✓	Linux operating systems supported	✓
DHCP server	✓	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
Jumbo frames support	✓		
iSCSI support	✓		
Wake-on-LAN ready	✓	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Supported network protocols	FTP, SFTP, TFTP, ec, OpenVPN, QBelt		
Link aggregation	✓		
Load balancing system	✓	Power	
Dynamic DNS (DDNS)	✓	Power supply location	External
WLAN adapter supported	✓	Power supply unit (PSU) capacity	120 W
Ports & interfaces		Number of power supply units	1
USB port *	✓	AC input voltage	100 - 240 V
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Fan voltage	12 V
Fiber ports quantity	2	Weight & dimensions	
Fiber optic connector	SFP+	Width *	224.6 mm
Ethernet LAN (RJ-45) ports *	2	Depth *	224.1 mm
		Height *	182.7 mm
		Packaging content	
		External power adapter	✓
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%

Catalog Object Cloud



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