



QNAP TS-1232XU-RP NAS Rack (2U) Annapurna Labs Alpine AL-324 4 GB DDR4 96 TB HDD QNAP Turbo System Black



Brand : QNAP

Product code: TS-1232XU-RP-4G-96TB-GLD

Product name : TS-1232XU-RP

2U, 12-Bay, Alpine AL-324, Quad-Core, 1.7GHz, 64-bit, 4 GB DDR4, 512MB DOM, 2.5", 3.5", SATA III, RJ-45, SFP+, USB 3.0, PCIe 2.0x2., 13kg, PSU ATX 250W, 96TB (WD Gold)
 QNAP TS-1232XU-RP. Type: NAS. Chassis type: Rack (2U). Device class: Large Enterprise Business. Processor family: Annapurna Labs, Processor model: Alpine AL-324, Processor frequency: 1.7 GHz. Internal memory: 4 GB, Internal memory type: DDR4. Total installed storage capacity: 96 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System



Storage		Design	
Storage drive capacity *	8 TB	Fan diameter 2	7 cm
Storage drive interface *	Serial ATA III	LED indicators	HDD, LAN, Power, Status
Supported storage drive interfaces	Serial ATA III	Cable lock slot	✓
Storage drive size	2.5/3.5"	Cable lock slot type	Kensington
Storage drive sizes supported	2.5,3.5"	Performance	
RAID support *	✓	Type *	NAS
RAID levels	0, 1, 5, 6, 10, JBOD	Device class *	Large Enterprise Business
Online RAID migration	✓	Backup function *	✓
Online RAID expansion	✓	Backup features	Cloud, iSCSI LUN
RAID rebuild	✓	Buzzer	✓
Hot-swap drive bays	✓	Noise level	31.7 dB
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4	Snapshot	✓
Storage drives installed *	✓	Web-based management	✓
Total installed storage capacity *	96 TB	Security algorithms	256-bit AES, HTTPS, SSH
Number of storage drives installed *	12	Access Control List (ACL)	✓
Number of storage drives supported *	12	Reset button	✓
Installed storage drive type *	HDD	On/off switch	✓
Supported storage drive types *	HDD & SSD	Built-in iTunes server	✓
Bad block scan	✓	Built-in FTP server	✓
Processor		Browser supported	Apple Safari 7, Google Chrome, Microsoft Internet Explorer 10, Mozilla Firefox
Processor family *	Annapurna Labs	System log	✓
Processor model *	Alpine AL-324	Hot spare	✓
Processor frequency *	1.7 GHz	Password authentication	✓
Processor cores	4	S.M.A.R.T. support	✓
Processor architecture	ARM Cortex-A57	Universal Plug and Play (UPnP)	✓
PCI Express configurations	2x2	Software	
PCI Express slots version	2.0	Operating system installed *	QNAP Turbo System
Processor operating modes	64-bit	Operating system version	4.3.4
Memory		Windows operating systems supported	Windows 10, Windows 7, Windows 8
Internal memory *	4 GB	Linux operating systems supported	✓
Internal memory type	DDR4	Mac operating systems supported	Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
Maximum RAM supported	16 GB		
Memory slots	1		
Flash memory	512 MB		

Network		Software	
Ethernet LAN *	✓	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Ethernet LAN data rates	10,100,1000 Mbit/s		
Ethernet LAN data rate supported (max)	10000 Mbit/s		
Wi-Fi	✗	Power	
DHCP client	✓	Power supply location	Built-in
DHCP server	✓	Power supply unit (PSU) capacity	250 W
Jumbo frames support	✓	Number of power supply units	2
iSCSI support	✓	Redundant power supply (RPS) support	✓
Wake-on-LAN ready	✓	AC input voltage	100 - 240 V
Dynamic DNS (DDNS)	✓	AC input frequency	50 - 60 Hz
Ports & interfaces		Fan voltage	12 V
USB port *	✓	Output current	3.5 A
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Weight & dimensions	
Fiber ports quantity	2	Width *	482 mm
Fiber optic connector	SFP+	Depth *	534 mm
Ethernet LAN (RJ-45) ports *	2	Height *	89 mm
Design		Weight	13 kg
Chassis type *	Rack (2U)	Packaging content	
Cooling type *	Active	Cables included	AC, LAN (RJ-45)
Product colour	Black	Quick installation guide	✓
Number of fans	2 fan(s)	Number of screws	84
Fan diameter	7 cm	Sustainability	
		Sustainability certificates	RoHS
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Other features	
		Compliance certificates	RoHS

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 09-AUG-2024. Prints or copies of Information are only valid on the printed Publication date