



QNAP TS-673 NAS Tower AMD Embedded R-Series SoC RX-421ND 4 GB DDR4 12 TB HDD QNAP Turbo System Black

Brand : QNAP

Product code: TS-673-4G-12TB-GLD

Product name : TS-673

- Two PCIe Gen3 x4 slots support QM2 cards, 10GbE adapters, or wireless network cards
 - Supports the NVIDIA® GeForce® GT1030 graphics card, allowing for 4K video transcoding and output
 - Dual M.2 SATA 6 Gb/s SSD slots allow for setting up caching or storage pools, improving file access efficiency
 - Qtier™ auto-tiering technology and SSD caching enable 24/7 optimized storage efficiency
 - Scalable storage supporting virtualization, containerized apps, centralized storage, backup, sharing, and disaster recovery
 - Snapshots fully record system status and data. If files are accidentally deleted or modified, you can quickly restore the data from a snapshot
- AMD R RX-421ND (4 x 2.1GHz), 4 GB DDR4, 512 MB DOM, 2 x PCIe3.0 x4, 6 x SATA3 2.5"/3.5", 4 x USB 3.0, 4 x RJ-45



Storage		Design	
Supported storage drive interfaces	Serial ATA, Serial ATA II, Serial ATA III	Cable lock slot	✓
Storage drive sizes supported	2.5,3.5"	Cable lock slot type	Kensington
RAID support *	✓	Performance	
RAID levels	0, 1, 5, 6, 10, JBOD	Type *	NAS
Hot-swap drive bays	✓	Device class *	Home & Home Office
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4	Backup function *	✓
Storage drives installed *	✓	Backup features	Cloud, USB drive, iSCSI LUN
Total installed storage capacity *	12 TB	Multilingual support	✓
Number of storage drives supported *	6	Noise level	23 dB
Installed storage drive type *	HDD	Web-based management	✓
Supported storage drive types *	HDD & SSD	Share folder access right management	✓
Processor		Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMP, SSH, SSL/TLS
Processor family *	AMD Embedded R-Series SoC	Access Control List (ACL)	✓
Processor model *	RX-421ND	Reset button	✓
Processor frequency *	2.1 GHz	On/off switch	✓
Processor boost frequency	3.4 GHz	Built-in iTunes server	✓
Processor cores	4	Built-in FTP server	✓
Memory		Browser supported	Internet Explorer 10, Firefox 8, Safari 4, Google Chrome
Internal memory *	4 GB	System log	✓
Internal memory type	DDR4	Hot spare	✓
Maximum RAM supported	64 GB	Password authentication	✓
Memory slots	4	S.M.A.R.T. support	✓
Memory form factor	SO-DIMM	Share folder	CIFS/SMB
Flash memory	512 MB	Universal Plug and Play (UPnP)	✓
Network		Software	
Ethernet LAN *	✓	Operating system installed *	QNAP Turbo System
Ethernet LAN data rates	10,100,1000 Mbit/s	Operating system version	4.3.4
Wi-Fi	✗	Windows operating systems supported	Windows 10, Windows 7, Windows 8
DHCP client	✓	Linux operating systems supported	✓
DHCP server	✓		
Jumbo frames support	✓		
iSCSI support	✓		
Wake-on-LAN ready	✓		

Network		Software	
Supported network protocols	IFS/SMB, AFP (v3.3), NFS(v3), FTP, FTPS, SFTP, TFTP, HTTP(S), Telnet, SSH, iSCSI, SNMP, SMTP, SMSC	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 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
Dynamic DNS (DDNS)	✓	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Ports & interfaces		Power	
USB port *	✓	Power supply location	Built-in
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Power supply unit (PSU) capacity	250 W
Ethernet LAN (RJ-45) ports *	4	Number of power supply units	1
Microphone in	✓	AC input voltage	100 - 240 V
Audio in/out	✓	AC input frequency	50 - 60 Hz
PCI Express x4 (Gen 3.x) slots	2	Weight & dimensions	
Design		Width *	264.3 mm
Chassis type *	Tower	Depth *	279.6 mm
Cooling type *	Active	Height *	188.2 mm
Product colour	Black	Packaging content	
Number of fans	3 fan(s)	Cables included	AC, LAN (RJ-45)
Fan diameter	9 cm	Quick installation guide	✓
Fan diameter 2	6 cm	Number of screws	20
LED indicators	✓	Operational conditions	
Built-in display	✓	Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Other features	
		Digital Living Network Alliance (DLNA) certified	✓

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