QNAP

QNAP TS-462-4G NAS/storage server Tower Intel® Celeron® N4505 2 GB DDR4 0 TB QNAP QTS White

Brand : QNAP Product code: TS-462-4G

Product name: TS-462-4G

Maximum RAM supported

16 GB

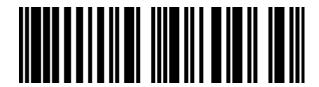
- 2.5GbE port: Immediately multiply your network speed by 2.5 times while using existing CAT5e cables
- HDMI port: 4K media playback and real-time transcoding; directly watch videos using HDMI 2.0 (4K @60Hz) output
- Al-powered image recognition: Supports Edge TPU (optional purchase) for supercharged Al-powered image recognition
- Dual M.2 PCIe slots: Attain greater NAS performance by installing M.2 2280 NVMe PCIe SSDs (sold separately)
- PCIe slot: Install a PCIe Gen3 x2 card to expand the core functionality of the TS-462, including a Multi-Gig 10GbE/5GbE network card, a USB 3.2 Gen 2 (10Gbps) card, or a Wi-Fi 6 network card
- Expand storage capacity: Flexibly scale your total storage capacity by connecting USB expansion enclosures (please see the compatibility list)
- 4×3.5 ", Intel Celeron N4505, 4 GB SODIMM DDR4, 4GB Flash, LAN, 90 W, 100-240 V, 168 x 170 x 226 mm, 2.26 kg





Storage		Performance	
Storage drive capacity *	0 GB	Type *	NAS
Supported storage drive interfaces	Serial ATA III	Device class *	Home & Home Office
Storage drive sizes supported	3.5,M.2,2.5	Backup function *	✓
Number of M.2 (M & B) slots	2	Backup features	Cloud, iSCSI LUN
RAID support *	√	Buzzer	✓
RAID levels	0, 1, 5, 6, 10, JBOD	Multilingual support	✓
Online RAID migration	√	Snapshot	✓
Online RAID expansion	✓	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH
RAID rebuild	✓	Access Control List (ACL)	✓
Hot-swap drive bays	✓	Reset button	✓
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4	On/off switch	✓
Storage drives installed *	ext4	Built-in FTP server	✓
Total installed storage capacity *	0 TB	Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
Number of storage drives supported *	4	System log	✓
Installed storage drive type *	×	Hot spare	✓
Supported storage drive types *	HDD & SSD	Password authentication	✓
Bad block scan	✓	Disk scan	✓
Disk roaming	✓	S.M.A.R.T. support	✓
Processor		Share folder	✓
Processor manufacturer *	Intel	USB copy function	✓
Processor family *	Intel® Celeron®	Software	
Processor model *	N4505	Operating system installed *	QNAP QTS
Processor frequency *	2 GHz	Operating system version	5.0.1
Processor boost frequency Processor cores	2.9 GHz 2	Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
Processor threads	2	Linux operating systems supported	✓
CPU configuration (max)	1		Mac OS X 10.10 Yosemite, Mac OS X
Number of processors supported	1	Management	10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac
On-board graphics card model	Intel® UHD Graphics	Mac operating systems supported	OS X 10.15 Catalina, Mac OS X
Memory			10.15.3 Catalina, Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey
Internal memory *	2 GB		•
Internal memory type	DDR4		

Memory		Software	
Memory slots Memory form factor Flash memory	2 SO-DIMM 4000 MB	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Network		Power	
Ethernet LAN * Ethernet LAN data rates DHCP server Jumbo frames support iSCSI support Wake-on-LAN ready	10,100,1000,2500 Mbit/s / / /	Power supply location Power supply unit (PSU) capacity Number of power supply units Power consumption (typical) Power consumption (sleep) AC input voltage	External 90 W 1 25.98 W 11.3 W 100 - 240 V
Dynamic DNS (DDNS)	✓	Fan voltage	12 V
Ports & interfaces		Weight & dimensions	
USB port * 2 USB 2.0 ports quantity 2 USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 2	_	Width * Depth * Height * Weight Package weight	170 mm 226 mm 168 mm 2.26 kg 3.6 kg
HDMI version	2.0	Packaging content	
Ethernet LAN (RJ-45) ports *	1	Cables included	AC, LAN (RJ-45)
Design		Power cables quantity	1
Chassis type *	Tower	Processor special features	
Cooling type * Product colour Number of fans Fan diameter LED indicators Cable lock slot Cable lock slot type	Active White 1 fan(s) 12 cm HDD, LAN, Power, Status, USB Kensington	Enhanced Intel SpeedStep Technology Idle States Intel 64 Intel Trusted Execution Technology Intel Virtualization Technology (VT-x) Intel Virtualization Technology for Directed I/O (VT-d) Intel VT-x with Extended Page Tables (EPT)	* * * * * * *
		Operational conditions	
		Operating temperature (T-T) Operating relative humidity (H-H) Storage temperature (T-T) Storage relative humidity (H-H)	0 - 40 °C 5 - 95% -20 - 70 °C 5 - 95%



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