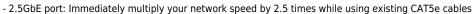
## QNAP

## QNAP TS-462-4G NAS/storage server Tower Ethernet LAN White N4505

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

Product name: TS-462-4G



- 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)
- $4 \times 3.5$ ", 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	
Supported storage drive interfaces Storage drive sizes supported Number of M.2 (M & B) slots RAID support * RAID levels Online RAID migration Online RAID expansion RAID rebuild Storage drives installed * Number of storage drives supported * Installed storage drive type * Supported storage drive types * Bad block scan	3.5,M.2,2.5 2  0, 1, 5, 6, 10, JBOD	Type * Device class * Backup function * Backup features Buzzer Multilingual support Snapshot Access Control List (ACL) On/off switch Built-in FTP server Browser supported System log Disk scan	NAS Home & Home Office  Cloud, iSCSI LUN  Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
Disk roaming	<b>✓</b>	S.M.A.R.T. support  Share folder	1
Processor		Software	•
Processor manufacturer * Processor family * Processor model * Processor frequency * Processor boost frequency Processor cores Processor threads CPU configuration (max) Number of processors supported On-board graphics card model	Intel® Celeron® N4505 2 GHz 2.9 GHz 2 1 Intel® UHD Graphics	Operating system installed * Operating system version Windows operating systems supported Linux operating systems supported Mac operating systems supported	QNAP QTS 5.0.1 Windows 10, Windows 11, Windows 7, Windows 8  Mac OS X 10.10 Yosemite, 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
Memory			Windows Server 2008 R2, Windows
Internal memory type Maximum RAM supported	DDR4 16 GB	Server operating systems supported	Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Memory slots Internal memory *	2 2 GB	Power	
Memory form factor	SO-DIMM	Power supply location	Built-in
Network		Power supply unit (PSU) capacity	90 W
Ethernet LAN * Ethernet LAN data rates DHCP server iSCSI support	√ 10,100,1000,2500 Mbit/s √	Number of power supply units  Power consumption (typical)  Power consumption (sleep)  AC input voltage	1 25.98 W 11.3 W 100 - 240 V

Network		Power	
Wake-on-LAN ready	✓	Fan voltage	12 V
Dynamic DNS (DDNS)	✓	Weight & dimensions	
Ports & interfaces		Width *	170 mm
USB port *	✓	Depth *	226 mm
USB 2.0 ports quantity	2	Height *	168 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A	2	Weight	2.26 kg
ports quantity HDMI ports quantity HDMI version Ethernet LAN (RJ-45) ports *	1 2.0 1	Package weight	3.6 kg
		Processor special features	
		Enhanced Intel SpeedStep Technology	✓
Design		Idle States	✓
Chassis type *	Tower	Intel 64	✓
Cooling type *	Active	Intel Trusted Execution Technology	×
Product colour	White	Intel Virtualization Technology (VT-x)	✓
Number of fans 1 fan(s) Fan diameter 12 cm LED indicators  Cable lock slot  Cable lock slot type Kensington	1.7	Intel Virtualization Technology for Directed I/O (VT-d)	✓
	√ √ Kensington	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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