



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

Brand : QNAP

Product code: TS-462-4G

Product name : TS-462-4G

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

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 ports quantity	2	Weight	2.26 kg
HDMI ports quantity	1	Package weight	3.6 kg
HDMI version	2.0	Processor special features	
Ethernet LAN (RJ-45) ports *	1	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)	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Fan diameter	12 cm	Intel VT-x with Extended Page Tables (EPT)	✓
LED indicators	✓	Operational conditions	
Cable lock slot	✓	Operating temperature (T-T)	0 - 40 °C
Cable lock slot type	Kensington	Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		Storage relative humidity (H-H)	5 - 95%



4711103080030

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: 14-OCT-2023. Prints or copies of Information are only valid on the printed Publication date