## 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

- 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)

- PCle slot: Install a PCle 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)

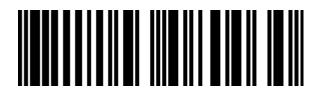
4 x 3.5", Intel Celeron N4505, 4 GB SODIMM DDR4, 4GB Flash, LAN, 90 W, 100-240 V, 168 x 170 x 226 mm, 2.26 kg  $\,$ 





Storage		Performance	
Supported storage drive interfaces	Serial ATA III	Туре *	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 *	1
RAID support *	<	Backup features	Cloud, iSCSI LUN
RAID levels	0, 1, 5, 6, 10, JBOD	Buzzer	1
Online RAID migration	4	Multilingual support	1
Online RAID expansion	<	Snapshot	1
RAID rebuild	4	Access Control List (ACL)	1
Storage drives installed *	×	On/off switch	1
Number of storage drives supported	4	Built-in FTP server	1
* Installed storage drive type *	×	Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
Supported storage drive types *	HDD & SSD	System log	1
Bad block scan	4	Disk scan	1
Disk roaming	4	S.M.A.R.T. support	1
Processor		Share folder	1
Processor manufacturer *	Intel	Software	
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	Windows 10, Windows 11, Windows
Processor boost frequency	2.9 GHz	supported	7, Windows 8
Processor cores	2	Linux operating systems supported	1
Processor threads	2		Mac OS X 10.10 Yosemite, Mac OS X
CPU configuration (max)	1		10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac
Number of processors supported	1	Mac operating systems supported	OS X 10.15 Catalina, Mac OS X
On-board graphics card model	Intel <sup>®</sup> UHD Graphics		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	DDR4	Server operating systems supported	Server 2012, Windows Server 2012
Maximum RAM supported	16 GB		R2, Windows Server 2016, Windows Server 2019
Memory slots	2	_	501701 2015
Internal memory *	2 GB	Power	
Memory form factor	SO-DIMM	Power supply location	Built-in
Network		Power supply unit (PSU) capacity	90 W
Ethernet LAN *	1	Number of power supply units	1
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Power consumption (typical)	25.98 W
DHCP server	10,100,1000,2300 MDIL/S	Power consumption (sleep)	11.3 W
		AC input voltage	100 - 240 V
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	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	4
Chassis type *	Tower	Intel 64	4
Cooling type *	Active	Intel Trusted Execution Technology	×
Product colour Number of fans	White 1 fan(s)	Intel Virtualization Technology (VT- x)	✓
Fan diameter	12 cm	Intel Virtualization Technology for Directed I/O (VT-d)	✓
LED indicators Cable lock slot Cable lock slot type Kensington	1	Intel VT-x with Extended Page Tables (EPT)	✓
	Kensington	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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