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

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)

- 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)

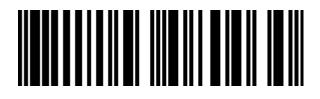
4 x 3.5", Intel Celeron N4505, 4 GB SODIMM DDR4, 4GB Flash, LAN, 90 W, 100-240 V, 168 x 170 x 226 mm, 2.26 kg $\,$





Storage		Performance	
Supported storage drive interfaces	Serial ATA III	Type * Device class *	NAS Home & Home Office
Storage drive sizes supported	3.5,M.2,2.5 2		
Number of M.2 (M & B) slots		Backup function *	
RAID support *		Backup features	Cloud, iSCSI LUN
RAID levels	0, 1, 5, 6, 10, JBOD	Buzzer	
Online RAID migration	4	Multilingual support	
Online RAID expansion	4	Snapshot	*
RAID rebuild	v.	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	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® 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 *	2 GB	Server operating systems supported	Server 2012, Windows Server 2012
Internal memory type	DDR4		R2, Windows Server 2016, Windows Server 2019
Maximum RAM supported	16 GB		561761 2015
Memory slots	2	Power	
Memory form factor	SO-DIMM	Power supply location	Built-in
Network		Power supply unit (PSU) capacity	90 W
	,	Number of power supply units	1
Ethernet LAN *	✓ 10 100 1000 2500 Mbib/c	Power consumption (typical)	25.98 W
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Power consumption (sleep)	11.3 W
DHCP server	4	AC input voltage	100 - 240 V
iSCSI support	4		

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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