QNAP

QNAP TS-464 NAS Tower Intel® Celeron® N5095 8 GB DDR4 0 TB QNAP QTS musta

Tuotemerkki : QNAP

Tuotekoodi: TS-464-8G

Tuotteen nimi : TS-464

QNAP TS-464. Malli: NAS. Alustatyyppi: Tower. Laitteen luokka: Pienet & Keskikokoiset Yritykset. Suoritinperhe: Intel® Celeron®, Prosessorimalli: N5095. Sisäinen muisti: 8 GB, Sisäisen muistin tyyppi: DDR4. Asennetun muistin kokonaiskapasiteetti: 0 TB. Käyttöjärjestelmä asennettu: QNAP QTS

Storage	
Supported storage drive interfaces	Serial ATA III
Storage drive sizes supported	2.5,3.5,M.2
Number of M.2 (M & B) slots	2
RAID support *	✔
RAID levels	0, 1, 5, 6, 10, JBOD
Online RAID migration	✔
Online RAID expansion	✔
RAID rebuild	✔
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4
Storage drives installed *	✘
Total installed storage capacity *	0 TB
Number of storage drives supported *	4
Installed storage drive type *	✘
Supported storage drive types *	HDD & SSD
Bad block scan	✔
Disk roaming	✔

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Celeron®
Processor model *	N5095
Processor boost frequency	2.9 GHz
Processor cores	4
Processor threads	4
CPU configuration (max)	1
Number of processors supported	1
On-board graphics card model	Intel® UHD Graphics

Memory	
Internal memory *	8 GB
Internal memory type	DDR4
Maximum RAM supported	16 GB
Memory slots	2
Memory form factor	SO-DIMM
Flash memory	4000 MB

Performance	
Multilingual support	✔
Snapshot	✔
Management protocols	SNMP V2/V3
Share folder access right management	✔
Security algorithms	FIPS 140-2, HTTPS, SNMPv2, SNMPv3, SSH
Access Control List (ACL)	✔
Reset button	✔
On/off switch	✔
Built-in FTP server	✔
Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
System log	✔
Hot spare	✔
Disk scan	✔
S.M.A.R.T. support	✔
Share folder	✔
Backup button	✔
USB copy function	✔

Software	
Operating system installed *	QNAP QTS
Operating system version	5.0.1
Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
Linux operating systems supported	✔
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
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
DHCP server	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Dynamic DNS (DDNS)	✔

Ports & interfaces

USB port *	✔
USB 2.0 ports quantity	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
HDMI ports quantity	1
HDMI version	2.0
Ethernet LAN (RJ-45) ports *	2

Design

Chassis type *	Tower
Cooling type *	Active
Product colour	Black
Number of fans	1 fan(s)
Fan diameter	12 cm
LED indicators	✔
Cable lock slot	✔
Cable lock slot type	Kensington

Performance

Type *	NAS
Device class *	Small & Medium Business
Backup function *	✔
Backup features	Cloud, USB drive, iSCSI LUN
Buzzer	✔

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	90 W
Number of power supply units	1
Power consumption (typical)	40.536 W
Power consumption (sleep)	21.618 W
AC input voltage	100 - 240 V
Fan voltage	12 V

Weight & dimensions

Width *	170 mm
Depth *	226 mm
Height *	168 mm
Weight	2.26 kg
Package weight	3.6 kg

Packaging content

External power adapter	✔
Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Quick start guide	✔
Number of screws	24

Processor special features

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)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 70 °C
Storage relative humidity (H-H)	5 - 95%

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