QNAP TS-464U NAS Rack (1U) Intel® Celeron® N5095 8 GB DDR4 0 TB QNAP Turbo System Aluminium, Black



Brand : QNAP

Product code: TS-464U-8G

Product name : TS-464U



- 2.5GbE connectivity: Up to 5 Gbps transfer speeds can be achieved by setting port trunking with the two built-in 2.5GbE ports
- HDMI Output: Supports 4K media playback and real-time transcoding
- NVMe SSD application: Two M.2 PCIe NVMe SSD slots support Qtier™ auto-tiering technology and SSD caching
- USB interface: Two USB 3.2 Gen 2 10Gbps ports for faster data transfer
- Backup and data recovery: Protects PC/Macs, virtual machines, software containers, cloud data, and SaaS services
- Hybrid cloud applications: Cloud storage gateways realize hybrid cloud applications by working with the cache space reserved on NAS

Intel Celeron N5095, Intel UHD Graphics, 8 GB SODIMM DDR4, 4GB Flash, 4 x 3.5", RJ-45, USB 2.0, USB 3.2 Gen 2, HDMI, 1U, 6.6 kg

Storage	
Storage drive capacity *	0 GB
Supported storage drive interfaces	Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support *	✔
RAID levels	0, 1, 5, 6, 10, JBOD
Online RAID migration	✔
Online RAID expansion	✔
RAID rebuild	✔
Hot-swap drive bays	✔
Supported file systems	FAT32, HFS+, NTFS, exFAT, 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
Disk roaming	✔

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Celeron®
Processor model *	N5095
Processor frequency *	2 GHz
Processor boost frequency	2.9 GHz
Processor cores	4
Processor threads	4
CPU configuration (max)	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
Security algorithms	256-bit AES, 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	CIFS/SMB

Software	
Operating system installed *	QNAP Turbo System
Operating system version	5.0.1
Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
Linux operating systems supported	Ubuntu 14.04
Mac operating systems supported	Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, 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, Mac OS X 13.0 Ventura
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Other operating systems supported	Solaris 10

Power	
Power supply location	Built-in
Power supply unit (PSU) capacity	250 W
Number of power supply units	1

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T, 2500BASE-T
DHCP server	✔
Jumbo frames support	✔
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	1.4b
Ethernet LAN (RJ-45) ports *	2
Concurrent connections	1500
PCI Express x2 (Gen 3.x) slots	1

Design	
Chassis type *	Rack (1U)
Cooling type *	Active
Product colour	Aluminium, Black
Number of fans	2 fan(s)
Fan diameter	4 cm
LED indicators	HDD, LAN, Power, Status

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

Power	
Power consumption (typical)	36.81 W
Power consumption (sleep)	22.285 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Fan voltage	12 V

Weight & dimensions	
Width *	482.6 mm
Depth *	483.9 mm
Height *	43.3 mm
Package width	667 mm
Package depth	612 mm
Package height	160 mm
Package weight	10.6 kg

Packaging content	
Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Quick start guide	✔
Number of screws	84
Package type	Box

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

Logistics data	
Harmonized System (HS) code	84714100

Other features	
Warranty period	3 year(s)

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Catalog Object Cloud

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