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		Performance	
Storage drive capacity *	0 GB	Backup function *	1
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Backup features	Cloud, iSCSI LUN
Storage drive sizes supported	2.5,3.5"	Buzzer	
RAID support *	1	Multilingual support	· ·
RAID levels	0, 1, 5, 6, 10, JBOD	Snapshot	
Online RAID migration	1	Management protocols	SNMP V2, V3
Online RAID expansion	1	5	256-bit AES, FIPS 140-2, HTTPS,
RAID rebuild	1	Security algorithms	SNMPv2, SNMPv3, SSH
Hot-swap drive bays	1	Access Control List (ACL)	<i>✓</i>
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3,	Reset button	1
	ext4	On/off switch	✓
Storage drives installed *	X	Built-in FTP server	✓
Total installed storage capacity * Number of storage drives supported	0 ТВ 4	Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
* Installed storage drive type *	×	System log	<i>✓</i>
Supported storage drive type *	A HDD & SSD	Hot spare	1
Disk roaming		Disk scan	1
5		S.M.A.R.T. support	1
Processor		Share folder	CIFS/SMB
Processor manufacturer * Processor family *	Intel Intel® Celeron®	Software	
Processor model *	N5095	Operating system installed *	QNAP Turbo System
Processor frequency *	2 GHz	Operating system version	5.0.1
Processor boost frequency	2.9 GHz	Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
Processor cores Processor threads	4	Linux operating systems supported	Ubuntu 14.04
CPU configuration (max)	1		Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12
On-board graphics card model	Intel® UHD Graphics		Sierra, Mac OS X 10.13 High Sierra,
Memory		Mac operating systems supported	Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3
Internal memory * Internal memory type	8 GB DDR4		Catalina, Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey, Mac OS X 13.0 Ventura
Maximum RAM supported	16 GB		Windows Server 2008 R2, Windows Server 2012, Windows Server 2012
Memory slots Memory form factor	2 SO-DIMM	Server operating systems supported	R2, Windows Server 2016, Windows Server 2019
Flash memory	4000 MB	Other operating systems supported	

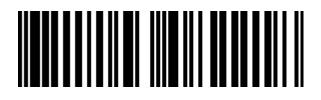


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Network		Power	
Ethernet LAN *	 Image: A set of the set of the	Power supply location	Built-in
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Power supply unit (PSU) capacity	250 W
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE- T, 2500BASE-T	Number of power supply units Power consumption (typical)	1 36.81 W
DHCP server	1	Power consumption (sleep)	22.285 W
Jumbo frames support	1	AC input voltage	100 - 240 V
iSCSI support	1	AC input frequency	50 - 60 Hz
Wake-on-LAN ready	1	Fan voltage	12 V
Dynamic DNS (DDNS)	1	Weight & dimensions	
Ports & interfaces		Width *	430 mm
		Depth *	479 mm
USB port *	✓	Height *	43.3 mm
USB 2.0 ports quantity	2	Package weight	8.54 kg
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Packaging content	
HDMI ports quantity	1	Cables included	AC, LAN (RJ-45)
HDMI version	1.4b	Power cables quantity	1
Ethernet LAN (RJ-45) ports *	2	Quick start guide	1
Concurrent connections	1500	Number of screws	84
PCI Express x2 (Gen 3.x) slots	1	Processor special features	
Design		Enhanced Intel SpeedStep	1
Chassis type *	Rack (1U)	Technology	•
Cooling type *	Active	Idle States	4
Product colour	Aluminium, Black	Intel 64	1
Number of fans	2 fan(s)	Intel Trusted Execution Technology	×
Fan diameter LED indicators	4 cm HDD, LAN, Power, Status	Intel Virtualization Technology (VT- x)	1
Performance		Intel Virtualization Technology for Directed I/O (VT-d)	 Image: A start of the start of
Type * Device class *	NAS Small & Medium Business	Intel VT-x with Extended Page Tables (EPT)	1
		Operational conditions	
		Operating temperature (T-T) Operating relative humidity (H-H) Storage temperature (T-T)	0 - 40 °C 5 - 95% -20 - 70 °C

Storage temperature (T-T) Logistics data

Harmonized System (HS) code 84714100



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