



# QNAP TS-864EU-RP-8G NAS/storage server Rack (2U) Intel® Celeron® N5095 8 GB DDR4 0 TB QNAP Turbo System Black



**Brand :** QNAP

**Product code:** TS-864EU-RP-8G

**Product name :** TS-864EU-RP-8G

- 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
  - PCIe expandability: One PCIe slots allow for installing 2.5/5/10GbE adapters, QM2 cards, or USB 3.2 Gen 2 (10Gbps) expansion cards
  - 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
- 8 x 3.5", Intel Celeron N5105/N5095 2.9GHz, 8 GB SO-DIMM DDR4 (1 x 4 GB), 4GB Flash, LAN, 300W (x2), 100 - 240V, 88.6 x 482.14 x 346.43 mm

Storage		Performance	
Storage drive capacity *	0 GB	Type *	NAS
Storage drive interface *	Serial ATA III	Device class *	Small & Medium Business
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Backup function *	✓
Storage drive sizes supported	2.5,3.5"	Backup features	Cloud, iSCSI LUN
RAID support *	✓	Buzzer	✓
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Multilingual support	✓
Online RAID migration	✓	Snapshot	✓
Online RAID expansion	✓	Management protocols	SNMP v2/3
RAID rebuild	✓	Web-based management	✓
Hot-swap drive bays	✓	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Access Control List (ACL)	✓
Storage drives installed *	✗	Reset button	✓
Total installed storage capacity *	0 TB	On/off switch	✓
Number of storage drives supported *	8	Built-in FTP server	✓
Installed storage drive type *	✗	Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Supported storage drive types *	HDD & SSD	System log	✓
Disk roaming	✓	Hot spare	✓
<b>Processor</b>		S.M.A.R.T. support	✓
Processor manufacturer *	Intel	<b>Software</b>	
Processor family *	Intel® Celeron®	Operating system installed *	QNAP Turbo System
Processor model *	N5095	Operating system version	5.0.0
Processor boost frequency	2.9 GHz	Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
Processor cores	4	Linux operating systems supported	✓
Processor threads	4	Mac operating systems supported	✓
Number of processors supported	1	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
On-board graphics card model	Intel® UHD Graphics	Other operating systems supported	Android, iOS
<b>Memory</b>		<b>Power</b>	
Internal memory *	8 GB	Power supply location	Built-in
Internal memory type	DDR4	Power supply unit (PSU) capacity	300 W
Maximum RAM supported	16 GB		
Memory slots	2		
Memory form factor	SO-DIMM		
Flash memory	4000 MB		

Network		Power	
Ethernet LAN *	✓	Number of power supply units	2
Ethernet LAN data rates	100,1000,2500 Mbit/s	Redundant power supply (RPS) support	✓
DHCP server	✓	Power consumption (typical)	55.83 W
Jumbo frames support	✓	Power consumption (sleep)	31.742 W
iSCSI support	✓	AC input voltage	100 - 240 V
Wake-on-LAN ready	✓	Fan voltage	12 V
Dynamic DNS (DDNS)	✓	<b>Weight &amp; dimensions</b>	
Ports & interfaces		Width *	482.1 mm
USB port *	✓	Depth *	346.4 mm
USB 2.0 ports quantity	2	Height *	88.6 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Weight	7.9 kg
HDMI ports quantity	1	Package weight	10.5 kg
HDMI version	1.4b	<b>Packaging content</b>	
Ethernet LAN (RJ-45) ports *	2	External power adapter	✗
Concurrent connections	1500	Cables included	AC, LAN (RJ-45)
Design		Power cables quantity	1
Chassis type *	Rack (2U)	Rack mount kit	✓
Cooling type *	Active	Number of screws	56
Product colour	Black	<b>Operational conditions</b>	
Number of fans	2 fan(s)	Operating temperature (T-T)	0 - 40 °C
Fan diameter	8 cm	Operating relative humidity (H-H)	5 - 95%
LED indicators	HDD, LAN, Power, Status	Storage temperature (T-T)	-20 - 70 °C
		Storage relative humidity (H-H)	5 - 95%
		<b>Logistics data</b>	
		Harmonized System (HS) code	84714100



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