



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

**Brand :** QNAP

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

**Product name :** TS-864EU-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, 8 GB SO-DIMM DDR4 (1 x 4 GB), 4GB Flash, LAN, 300W, 100-240V, 88.6 x 482.14 x 318.13 mm

Storage		Design	
Storage drive capacity *	0 GB	Product colour	Black
Storage drive interface *	Serial ATA III	Number of fans	2 fan(s)
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Fan diameter	8 cm
Storage drive sizes supported	2.5,3.5"	LED indicators	✓
RAID support *	✓	<b>Performance</b>	
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Type *	NAS
Online RAID migration	✓	Device class *	Small & Medium Business
Online RAID expansion	✓	Backup function *	✓
Hot-swap drive bays	✓	Backup features	iSCSI LUN
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Buzzer	✓
Storage drives installed *	✗	Multilingual support	✓
Total installed storage capacity *	0 TB	Snapshot	✓
Number of storage drives supported *	8	Web-based management	✓
Installed storage drive type *	✗	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3
Supported storage drive types *	HDD & SSD	Access Control List (ACL)	✓
<b>Processor</b>		Reset button	✓
Processor manufacturer *	Intel	On/off switch	✓
Processor family *	Intel® Celeron®	Built-in FTP server	✓
Processor boost frequency	2.9 GHz	Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Processor cores	4	System log	✓
Processor threads	4	Hot spare	✓
Number of processors supported	1	S.M.A.R.T. support	✓
On-board graphics card model	Intel® UHD Graphics	<b>Software</b>	
<b>Memory</b>		Operating system installed *	QNAP Turbo System
Internal memory *	8 GB	Operating system version	5.0.0
Internal memory type	DDR4	Windows operating systems supported	✓
Maximum RAM supported	16 GB	Linux operating systems supported	✓
Memory slots	2	Mac operating systems supported	✓
Memory form factor	SO-DIMM	<b>Power</b>	
Flash memory	4000 MB	Power supply location	Built-in
<b>Network</b>		Power supply unit (PSU) capacity	300 W
Ethernet LAN *	✓	Number of power supply units	1
Ethernet LAN data rates	100,1000,2500 Mbit/s	Power consumption (typical)	51.022 W
DHCP server	✓	Power consumption (sleep)	24.776 W
Jumbo frames support	✓	AC input voltage	100 - 240 V
iSCSI support	✓		

<b>Network</b>		<b>Power</b>	
Wake-on-LAN ready	✓	Fan voltage	12 V
Dynamic DNS (DDNS)	✓	<b>Weight &amp; dimensions</b>	
<b>Ports &amp; interfaces</b>		Width *	482.1 mm
USB port *	✓	Depth *	318.1 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Height *	88.6 mm
HDMI ports quantity	1	Weight	6.68 kg
HDMI version	1.4b	Package weight	9.25 kg
Ethernet LAN (RJ-45) ports *	2	<b>Packaging content</b>	
Concurrent connections	1500	Cables included	AC, LAN (RJ-45)
<b>Design</b>		Number of screws	56
Chassis type *	Rack (2U)	<b>Operational conditions</b>	
Cooling type *	Active	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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