QNAP

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

Brand : QNAP

Product name : TS-864EU-8G

Product code: 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
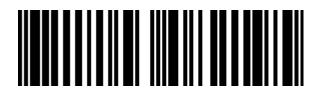8 x 3.5", Intel Celeron N5105/N5095, 8 GB SO-DIMM DDR4 (1 x 4 GB), 4GB Flash, LAN, 300W, 100-240V, 88.6 x 482.14 x 318.13 mm

Storage

Storage drive capacity *	0 GB
Storage drive interface *	Serial ATA III
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, 50, 60, JBOD
Online RAID migration	✔
Online RAID expansion	✔
Hot-swap drive bays	✔
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4
Storage drives installed *	✗
Total installed storage capacity *	0 TB
Number of storage drives supported *	8
Installed storage drive type *	✗
Supported storage drive types *	HDD & SSD

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Celeron®
Processor boost frequency	2.9 GHz
Processor cores	4
Processor threads	4
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

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s

Design

LED indicators	HDD, LAN, Power, Status
Built-in speaker(s)	✗

Performance

Type *	NAS
Device class *	Small & Medium Business
Backup function *	✔
Backup features	Cloud, iSCSI LUN
Buzzer	✔
Multilingual support	✔
Snapshot	✔
Web-based management	✔
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3
Access Control List (ACL)	✔
Reset button	✔
On/off switch	✔
Built-in FTP server	✔
Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
System log	✔
Hot spare	✔
S.M.A.R.T. support	✔

Software

Operating system installed *	QNAP Turbo System
Operating system version	5.0.0
Windows operating systems supported	✔
Linux operating systems supported	✔
Mac operating systems supported	✔
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	Android, iOS

Network

Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T, 2500BASE-T
DHCP server	✔
Jumbo frames support	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Supported network protocols	IPv4, IPv6
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

Design

Chassis type *	Rack (2U)
Cooling type *	Active
Product colour	Black
Number of fans	2 fan(s)
Fan diameter	8 cm

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	300 W
Number of power supply units	1
Redundant power supply (RPS) support	✘
Power consumption (typical)	51.022 W
Power consumption (sleep)	24.776 W
AC input voltage	100 - 240 V
Fan voltage	12 V

Weight & dimensions

Width *	482.1 mm
Depth *	318.1 mm
Height *	88.6 mm
Weight	6.68 kg
Package weight	9.25 kg

Packaging content

External power adapter	✘
Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Rack mount kit	✔
Number of screws	56

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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