



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	LED indicators	HDD, LAN, Power, Status
Storage drive interface *	Serial ATA III	Built-in speaker(s)	✗
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Performance	
Storage drive sizes supported	2.5,3.5"	Type *	NAS
RAID support *	✓	Device class *	Small & Medium Business
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Backup function *	✓
Online RAID migration	✓	Backup features	Cloud, iSCSI LUN
Online RAID expansion	✓	Buzzer	✓
Hot-swap drive bays	✓	Multilingual support	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Snapshot	✓
Storage drives installed *	✗	Web-based management	✓
Total installed storage capacity *	0 TB	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3
Number of storage drives supported *	8	Access Control List (ACL)	✓
Installed storage drive type *	✗	Reset button	✓
Supported storage drive types *	HDD & SSD	On/off switch	✓
Processor		Built-in FTP server	✓
Processor manufacturer *	Intel	Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Processor family *	Intel® Celeron®	System log	✓
Processor boost frequency	2.9 GHz	Hot spare	✓
Processor cores	4	S.M.A.R.T. support	✓
Processor threads	4	Software	
Number of processors supported	1	Operating system installed *	QNAP Turbo System
On-board graphics card model	Intel® UHD Graphics	Operating system version	5.0.0
Memory		Windows operating systems supported	✓
Internal memory *	8 GB	Linux operating systems supported	✓
Internal memory type	DDR4	Mac operating systems supported	✓
Maximum RAM supported	16 GB	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Memory slots	2	Other operating systems supported	Android, iOS
Memory form factor	SO-DIMM		
Flash memory	4000 MB		
Network			
Ethernet LAN *	✓		
Ethernet LAN data rates	10,100,1000,2500 Mbit/s		

Network		Power	
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T, 2500BASE-T	Power supply location	Built-in
DHCP server	✓	Power supply unit (PSU) capacity	300 W
Jumbo frames support	✓	Number of power supply units	1
iSCSI support	✓	Redundant power supply (RPS) support	✗
Wake-on-LAN ready	✓	Power consumption (typical)	51.022 W
Supported network protocols	IPv4, IPv6	Power consumption (sleep)	24.776 W
Dynamic DNS (DDNS)	✓	AC input voltage	100 - 240 V
		Fan voltage	12 V
Ports & interfaces		Weight & dimensions	
USB port *	✓	Width *	482.1 mm
USB 2.0 ports quantity	2	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		
Concurrent connections	1500	Packaging content	
		External power adapter	✗
		Cables included	AC, LAN (RJ-45)
		Power cables quantity	1
		Rack mount kit	✓
		Number of screws	56
Design		Operational conditions	
Chassis type *	Rack (2U)	Operating temperature (T-T)	0 - 40 °C
Cooling type *	Active	Operating relative humidity (H-H)	5 - 95%
Product colour	Black	Storage temperature (T-T)	-20 - 70 °C
Number of fans	2 fan(s)	Storage relative humidity (H-H)	5 - 95%
Fan diameter	8 cm		



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