QNAP

QNAP TS-855EU-8G NAS/storage server SAN Rack (2U) Intel Atom® C5125 8 GB DDR4 0 TB QuTS hero Black

Brand : QNAP

Product name : TS-855EU-8G

Product code: TS-855EU-8G

Intel Atom C5125 8-core processor, 2.8GHz, 64-bit x86, 8 GB DDR4, Flash Memory 5GB, Hot-swap, 2.5G/1G/100M, 2U, 250W PSU, 100 - 240V, Black
QNAP TS-855EU-8G. Type: SAN. Chassis type: Rack (2U). Device class: Home & Home Office. Processor family: Intel Atom®, Processor model: C5125, Processor frequency: 2.8 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 0 TB. Operating system installed: QuTS hero

Storage

Storage drive capacity *	0 GB
Supported storage drive interfaces	Serial ATA III, Serial ATA II
Storage drive sizes supported	2.5,3.5"
Number of M.2 (M & B) slots	2
RAID support *	✔
RAID levels	0, 1, 5, 10, 50, 60, JBOD
Online RAID migration	✔
Online RAID expansion	✔
RAID rebuild	✔
Hot-swap drive bays	✔
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, 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
Disk roaming	✔

Processor

Processor manufacturer *	Intel
Processor family *	Intel Atom®
Processor model *	C5125
Processor frequency *	2.8 GHz
Processor cores	8
Processor threads	8
Processor cache	9 MB
Number of processors installed	1
ECC supported by processor	✔
Thermal Design Power (TDP)	50 W

Memory

Internal memory *	8 GB
Internal memory type	DDR4
Maximum RAM supported	64 GB
Memory slots	2
Memory form factor	SO-DIMM

Design

Product colour	Black
Number of fans	3 fan(s)
Fan diameter	6 cm
LED indicators	✔

Performance

Type *	SAN
Device class *	Home & Home Office
Backup function *	✔
Backup features	USB drive, iSCSI LUN
Buzzer	✔
Snapshot	✔
Management protocols	SNMP V2, V3
Security algorithms	AES, FIPS 140, HTTPS, SSH
Access Control List (ACL)	✔
Reset button	✔
On/off switch	✔
Built-in FTP server	✔
Browser supported	Apple Safari (latest version) Google Chrome (latest version) Microsoft Edge (latest version) Mozilla Firefox (latest version)
System log	✔
Hot spare	✔
S.M.A.R.T. support	✔
Share folder	CIFS/SMB
USB copy function	✔

Software

Operating system installed *	QuTS hero
Operating system version	h5.0.1
Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
Linux operating systems supported	CentOS 7.0, Ubuntu 14.04, Yes
Mac operating systems supported	Mac OS X 10.10 Yosemite, Yes
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019

Memory

Flash memory	5000 MB

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
DHCP server	✔
Jumbo frames support	✔
iSCSI support	✔
Wake-on-LAN ready	✔
Supported network protocols	IPv4, IPv6
Dynamic DNS (DDNS)	✔

Ports & interfaces

USB port *	✔
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
Fiber optic connector	MTP
Ethernet LAN (RJ-45) ports *	2
PCI Express x4 (Gen 3.x) slots	2

Design

Chassis type *	Rack (2U)
Cooling type *	Active

Software

Other operating systems supported	IBM AIX 7.1, Solaris 10

Power

Power supply location	Built-in
Power supply unit (PSU) capacity	250 W
Number of power supply units	1
Power consumption (typical)	79.113 W
Power consumption (sleep)	49.799 W
AC input voltage	100 - 240 V
Fan voltage	12 V

Weight & dimensions

Width *	432 mm
Depth *	297.4 mm
Height *	88.6 mm
Weight	7.61 kg

Packaging content

Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Quick installation guide	✔
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

Other features

Fibre Channel	✔

4711103083376