QNAP

QNAP TS-855EU-8G NAS/storage server SAN Rack (2U) Ethernet LAN Black C5125

Brand : QNAP

Product code: TS-855EU-8G

Product name : 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. Supported storage drive types: HDD & SSD, Supported storage drive interfaces: Serial ATA III, Serial ATA II, Storage drive sizes supported: 2.5,3.5". Processor family: Intel Atom®, Processor manufacturer: Intel, Processor model: C5125. Internal memory: 8 GB, Internal memory type: DDR4, Maximum RAM supported: 64 GB. Ethernet LAN data rates: 10,100,1000,2500 Mbit/s, Supported network protocols: IPv4, IPv6. Fiber optic connector: MTP

Storage

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 *	✘
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 type	DDR4
Maximum RAM supported	64 GB
Memory slots	2 x SODIMM
Internal memory *	8 GB
Memory form factor	SO-DIMM
Flash memory	5000 MB

Design

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
Other operating systems supported	IBM AIX 7.1, Solaris 10

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
Product colour	Black
Number of fans	3 fan(s)

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	✔

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