



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

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. 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		Design	
Storage drive capacity *	0 GB	Product colour	Black
Supported storage drive interfaces	Serial ATA III, Serial ATA II	Number of fans	3 fan(s)
Storage drive sizes supported	2.5,3.5"	Fan diameter	6 cm
Number of M.2 (M & B) slots	2	LED indicators	✓
RAID support *	✓	Performance	
RAID levels	0, 1, 5, 10, 50, 60, JBOD	Type *	SAN
Online RAID migration	✓	Device class *	Home & Home Office
Online RAID expansion	✓	Backup function *	✓
RAID rebuild	✓	Backup features	USB drive, iSCSI LUN
Hot-swap drive bays	✓	Buzzer	✓
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Snapshot	✓
Storage drives installed *	✗	Management protocols	SNMP V2, V3
Total installed storage capacity *	0 TB	Security algorithms	AES, FIPS 140, HTTPS, SSH
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	✓
Disk roaming	✓	Built-in FTP server	✓
Processor		Browser supported	Apple Safari (latest version) Google Chrome (latest version) Microsoft Edge (latest version) Mozilla Firefox (latest version)
Processor manufacturer *	Intel	System log	✓
Processor family *	Intel Atom®	Hot spare	✓
Processor model *	C5125	S.M.A.R.T. support	✓
Processor frequency *	2.8 GHz	Share folder	CIFS/SMB
Processor cores	8	USB copy function	✓
Processor threads	8	Software	
Processor cache	9 MB	Operating system installed *	QuTS hero
Number of processors installed	1	Operating system version	h5.0.1
ECC supported by processor	✓	Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
Thermal Design Power (TDP)	50 W	Linux operating systems supported	CentOS 7.0, Ubuntu 14.04, Yes
Memory		Mac operating systems supported	Mac OS X 10.10 Yosemite, Yes
Internal memory *	8 GB	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Windows Server 2019
Internal memory type	DDR4		
Maximum RAM supported	64 GB		
Memory slots	2		
Memory form factor	SO-DIMM		

<b>Memory</b>		<b>Software</b>	
Flash memory	5000 MB	Other operating systems supported	IBM AIX 7.1, Solaris 10
<b>Network</b>		<b>Power</b>	
Ethernet LAN *	✓	Power supply location	Built-in
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Power supply unit (PSU) capacity	250 W
DHCP server	✓	Number of power supply units	1
Jumbo frames support	✓	Power consumption (typical)	79.113 W
iSCSI support	✓	Power consumption (sleep)	49.799 W
Wake-on-LAN ready	✓	AC input voltage	100 - 240 V
Supported network protocols	IPv4, IPv6	Fan voltage	12 V
Dynamic DNS (DDNS)	✓	<b>Weight &amp; dimensions</b>	
<b>Ports &amp; interfaces</b>		Width *	432 mm
USB port *	✓	Depth *	297.4 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Height *	88.6 mm
Fiber optic connector	MTP	Weight	7.61 kg
Ethernet LAN (RJ-45) ports *	2	<b>Packaging content</b>	
PCI Express x4 (Gen 3.x) slots	2	Cables included	AC, LAN (RJ-45)
<b>Design</b>		Power cables quantity	1
Chassis type *	Rack (2U)	Quick installation guide	✓
Cooling type *	Active	Number of screws	56
		<b>Operational conditions</b>	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		<b>Other features</b>	
		Fibre Channel	✓



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Publication date: 08-NOV-2024. Prints or copies of Information are only valid on the printed Publication date