



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		Design	
Supported storage drive interfaces	Serial ATA III, Serial ATA II	Fan diameter	6 cm
Storage drive sizes supported	2.5,3.5"	LED indicators	✓
Number of M.2 (M & B) slots	2	Performance	
RAID support *	✓	Type *	SAN
RAID levels	0, 1, 5, 10, 50, 60, JBOD	Device class *	Home & Home Office
Online RAID migration	✓	Backup function *	✓
Online RAID expansion	✓	Backup features	USB drive, iSCSI LUN
RAID rebuild	✓	Buzzer	✓
Hot-swap drive bays	✓	Snapshot	✓
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Management protocols	SNMP V2, V3
Storage drives installed *	✗	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 type	DDR4	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2016, Windows Server 2019
Maximum RAM supported	64 GB	Other operating systems supported	IBM AIX 7.1, Solaris 10
Memory slots	2 x SODIMM		
Internal memory *	8 GB		
Memory form factor	SO-DIMM		
Flash memory	5000 MB		

Network		Power	
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)	✓	Weight & dimensions	
Ports & interfaces		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	Packaging content	
PCI Express x4 (Gen 3.x) slots	2	Cables included	AC, LAN (RJ-45)
Design		Power cables quantity	1
Chassis type *	Rack (2U)	Quick installation guide	✓
Cooling type *	Active	Number of screws	56
Product colour	Black	Operational conditions	
Number of fans	3 fan(s)	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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Publication date: 09-MAY-2024. Prints or copies of Information are only valid on the printed Publication date