

# QNAP TS-1655 NAS Tower Ethernet LAN Black C5125

**Brand :** QNAP

**Product code:** TS-1655-8G/144TB-REDPRO

**Product name :** TS-1655

Intel Atom C5125, 8 GB DDR4, 5GB Flash, 12x 3.5" + 4x 2.5" SATA, 2x M.2, 2x RJ-45, 4x USB 3.2 Gen1 QNAP TS-1655. Total installed storage capacity: 144 TB, Installed storage drive type: HDD, Supported storage drive types: HDD & SSD. Processor family: Intel Atom®, Processor manufacturer: Intel, Processor model: C5125. Internal memory: 8 GB, Internal memory type: DDR4, Maximum RAM supported: 128 GB. Ethernet LAN data rates: 10,100,1000,2500 Mbit/s. Chassis type: Tower, Cooling type: Active, Product colour: Black



Storage		Design	
Storage drive interface *	Serial ATA II, Serial ATA III	Cable lock slot	✓
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Cable lock slot type	Kensington
Storage drive sizes supported	2.5,3.5,M.2	<b>Performance</b>	
Number of M.2 (M & B) slots	2	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, USB drive, iSCSI LUN
Online RAID expansion	✓	Buzzer	✓
RAID rebuild	✓	Multilingual support	✓
Hot-swap drive bays	✓	Number of users	4096 user(s)
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4	Snapshot	✓
Storage drives installed *	✓	Management protocols	SNMP V2/V3
Total installed storage capacity *	144 TB	Share folder access right management	✗
Installed storage drive type *	HDD	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, TLS
Supported storage drive types *	HDD & SSD	Access Control List (ACL)	✓
Bad block scan	✓	Reset button	✓
Disk roaming	✓	On/off switch	✓
<b>Processor</b>		Built-in FTP server	✓
Processor manufacturer *	Intel	Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
Processor family *	Intel Atom®	System log	✓
Processor model *	C5125	Hot spare	✓
Processor frequency *	2.8 GHz	Password authentication	✓
Processor cores	8	Disk scan	✓
Processor threads	8	S.M.A.R.T. support	✓
<b>Memory</b>		Share folder	CIFS/SMB, AFP, NFS, FTP
Internal memory type	DDR4	USB copy function	✓
Maximum RAM supported	128 GB	<b>Software</b>	
Memory slots	4	Operating system installed *	QNAP Turbo System
Internal memory *	8 GB	Operating system version	5.0.1
Memory form factor	UDIMM	Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
ECC	✓	Linux operating systems supported	✓
Flash memory	5000 MB	Mac operating systems supported	✓
<b>Network</b>			
Ethernet LAN *	✓		

Network		Software	
Ethernet LAN data rates	10,100,1000,2500 Mbit/s	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
DHCP client	✓		
DHCP server	✓		
Jumbo frames support	✓		
iSCSI support	✓		
Wake-on-LAN ready	✓		
Dynamic DNS (DDNS)	✓		
Ports & interfaces		Power	
USB port *	✓	Power supply location	Built-in
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Power supply unit (PSU) capacity	550 W
Ethernet LAN (RJ-45) ports *	2	Power consumption (typical)	104.65 W
PCI Express x4 (Gen 3.x) slots	3	Power consumption (HDD standby)	94.957 W
Concurrent connections	700	AC input voltage	100 - 240 V
		Fan voltage	12 V
Design		Weight & dimensions	
Chassis type *	Tower	Width *	369.9 mm
Cooling type *	Active	Depth *	319.8 mm
Product colour	Black	Height *	303.8 mm
Number of fans	5 fan(s)		
Fan diameter	9.2 cm	Packaging content	
Fan diameter 2	9.7 cm	Cables included	AC, LAN (RJ-45)
Drive bay locking	✓	Power cables quantity	1
LED indicators	HDD, LAN, M.2, Power, SSD, Status, USB	Number of screws	72
		Drive tray key included	✓
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		Storage relative humidity (H-H)	5 - 95%

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Publication date: 25-MAR-2024. Prints or copies of Information are only valid on the printed Publication date