



QNAP TS-1655 NAS Tower Intel Atom® C5125 8 GB DDR4 48 TB HDD QNAP Turbo System Black

Brand : QNAP

Product code: TS-1655-8G/48TB-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. Type: NAS. Chassis type: Tower. Device class: Small & Medium Business. Processor family: Intel Atom®, Processor model: C5125, Processor frequency: 2.8 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 48 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System



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	Performance	
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 *	48 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	✓
Processor		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	✓
Memory		Share folder	CIFS/SMB, AFP, NFS, FTP
Internal memory *	8 GB	USB copy function	✓
Internal memory type	DDR4	Software	
Maximum RAM supported	128 GB	Operating system installed *	QNAP Turbo System
Memory slots	4	Operating system version	5.0.1
Memory form factor	UDIMM	Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
ECC	✓		
Flash memory	5000 MB		

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000,2500 Mbit/s
DHCP client	✓
DHCP server	✓
Jumbo frames support	✓
iSCSI support	✓
Wake-on-LAN ready	✓
Dynamic DNS (DDNS)	✓
Ports & interfaces	
USB port *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
Ethernet LAN (RJ-45) ports *	2
Concurrent connections	700
PCI Express x4 (Gen 3.x) slots	3
Design	
Chassis type *	Tower
Cooling type *	Active
Product colour	Black
Number of fans	5 fan(s)
Fan diameter	9.2 cm
Fan diameter 2	9.7 cm
Drive bay locking	✓
LED indicators	HDD, LAN, M.2, Power, SSD, Status, USB

Software	
Linux operating systems supported	✓
Mac operating systems supported	✓
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Power	
Power supply location	Built-in
Power supply unit (PSU) capacity	550 W
Power consumption (typical)	104.65 W
Power consumption (HDD standby)	94.957 W
AC input voltage	100 - 240 V
Fan voltage	12 V
Weight & dimensions	
Width *	369.9 mm
Depth *	319.8 mm
Height *	303.8 mm
Packaging content	
Cables included	AC, LAN (RJ-45)
Power cables quantity	1
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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