QNAP TS-1655 NAS Tower Ethernet LAN Black C5125

Brand : QNAP

Product code: TS-1655-8G/24TB-EXOS

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: 24 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	
Storage drive interface *	Serial ATA II, Serial ATA III
Supported storage drive interfaces	Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5,M.2
Number of M.2 (M & B) slots	2
RAID support *	✓
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD
Online RAID migration	✓
Online RAID expansion	✓
RAID rebuild	✓
Hot-swap drive bays	✓
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4
Storage drives installed *	✓
Total installed storage capacity *	24 TB
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD
Bad block scan	✓
Disk roaming	✓

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Atom®
Processor model *	C5125
Processor frequency *	2.8 GHz
Processor cores	8
Processor threads	8

Memory	
Internal memory type	DDR4
Maximum RAM supported	128 GB
Memory slots	4
Internal memory *	8 GB
Memory form factor	UDIMM
ECC	✓
Flash memory	5000 MB

Network	
Ethernet LAN *	✓

Design	
Cable lock slot	✓
Cable lock slot type	Kensington

Performance	
Type *	NAS
Device class *	Small & Medium Business
Backup function *	✓
Backup features	Cloud, USB drive, iSCSI LUN
Buzzer	✓
Multilingual support	✓
Number of users	4096 user(s)
Snapshot	✓
Management protocols	SNMP V2/V3
Share folder access right management	✗
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, TLS
Access Control List (ACL)	✓
Reset button	✓
On/off switch	✓
Built-in FTP server	✓
Browser supported	Apple Safari, Google Chrome, Microsoft Edge, Mozilla Firefox
System log	✓
Hot spare	✓
Password authentication	✓
Disk scan	✓
S.M.A.R.T. support	✓
Share folder	CIFS/SMB, AFP, NFS, FTP
USB copy function	✓

Software	
Operating system installed *	QNAP Turbo System
Operating system version	5.0.1
Windows operating systems supported	Windows 10, Windows 11, Windows 7, Windows 8
Linux operating systems supported	✓
Mac operating systems supported	✓

Network	
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
PCI Express x4 (Gen 3.x) slots	3
Concurrent connections	700

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	
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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