# QNAP TS-1655 NAS Tower Ethernet LAN Black C5125

**Brand :** QNAP

**Product code:** TS-1655-8G/120TB-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: 120 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 * | 120 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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