



# QNAP TS-1673AU-RP-16G/128TB-REDPRO NAS/storage server Rack (3U) Ryzen Embedded V1500B 16 GB DDR4 HDD QNAP Turbo System Black, Grey



**Brand :** QNAP

**Product code:** TS-1673AU-RP-16G/128TB-REDPRO

**Product name :** TS-1673AU-RP-16G/128TB-REDPRO

AMD Ryzen Embedded V1500B, 16 GB UDIMM DDR4 (1 x 16 GB), 5 GB Flash, 16 x 3.5-inch SATA 2/3, 132 x 482 x 425 mm, 550W (x2) PSU, 100 - 240V

QNAP TS-1673AU-RP-16G/128TB-REDPRO. Type: NAS. Chassis type: Rack (3U). Device class: Small & Medium Business. Processor family: Ryzen Embedded, Processor model: V1500B, Processor frequency: 2.2 GHz. Internal memory: 16 GB, Internal memory type: DDR4. Total installed storage capacity: 128 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System

| Storage                              |                               | Ports & interfaces                              |  |
|--------------------------------------|-------------------------------|---|--|
| Storage drive interface *            | Serial ATA II, Serial ATA III | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity | 1  |
| Supported storage drive interfaces   | Serial ATA II, Serial ATA III | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 2  |
| Storage drive size                   | 2.5/3.5"                      | Ethernet LAN (RJ-45) ports *                    | 2  |
| Storage drive sizes supported        | 2.5,3.5"                      |   |  |
| RAID support *                       | ✓                             |   |  |
| RAID levels                          | 0, 1, 5, 6, 10, 50, 60, JBOD  |   |  |
| Hot-swap drive bays                  | ✓                             |   |  |
| Storage drives installed *           | ✓                             |   |  |
| Total installed storage capacity *   | 128 TB                        |   |  |
| Number of storage drives installed * | 16                            |   |  |
| Number of storage drives supported * | 16                            |   |  |
| Installed storage drive type *       | HDD                           |   |  |
| Supported storage drive types *      | HDD & SSD                     |   |  |
|                                      |                               |   |  |
| Processor                            |                               | Design  |  |
| Processor manufacturer *             | AMD                           | Chassis type *                                  | Rack (3U)  |
| Processor family *                   | Ryzen Embedded                | Cooling type *                                  | Active   |
| Processor model *                    | V1500B                        | Product colour                                  | Black, Grey  |
| Processor frequency *                | 2.2 GHz                       | Number of fans                                  | 3 fan(s)   |
| Processor cores                      | 4                             | Fan diameter                                    | 8 cm   |
| Processor threads                    | 8                             | LED indicators                                  | HDD, LAN, Power, Status, USB   |
| L2 cache                             | 2 MB                          |   |  |
| L3 cache                             | 4 MB                          |   |  |
|                                      |                               |   |  |
| Memory                               |                               | Performance                                     |  |
| Internal memory *                    | 16 GB                         | Type *  | NAS  |
| Internal memory type                 | DDR4                          | Device class *                                  | Small & Medium Business  |
| Maximum RAM supported                | 32 GB                         | Backup function *                               | ✓  |
| Memory slots                         | 2                             | Backup features                                 | Cloud, iSCSI LUN   |
| Memory form factor                   | DIMM                          | Multilingual support                            | ✓  |
| Flash memory                         | 5000 MB                       |   |  |
|                                      |                               |   |  |
| Network                              |                               | Software  |  |
| Ethernet LAN *                       | ✓                             | Operating system installed *                    | QNAP Turbo System  |
| Ethernet LAN data rates              | 10,100,1000,2500 Mbit/s       | Operating system version                        | 4.4.2  |
| DHCP client                          | ✓                             | Windows operating systems supported             | Windows 10, Windows 7, Windows 8   |
| DHCP server                          | ✓                             | Linux operating systems supported               | ✓  |
| Jumbo frames support                 | ✓                             |   |  |
| iSCSI support                        | ✓                             | Mac operating systems supported                 | Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina               |
| Dynamic DNS (DDNS)                   | ✓                             | Server operating systems supported              | Windows Server 2008 R2, Windows Server 2008 R2 x64, Windows Server 2012, Windows Server 2012 R2, Windows Server 2012 R2 x64, Windows Server 2016, Windows Server 2016 x64, Windows Server 2019 |
|                                      |                               | Other operating systems supported               | Solaris 10   |
|                                      |                               |   |  |
|                                      |                               | Power   |  |
|                                      |                               | Power supply location                           | Built-in   |
|                                      |                               | Power supply unit (PSU) capacity                | 550 W  |
|                                      |                               | Number of power supply units                    | 2  |

| Ports & interfaces                              |   | Power                             |             |
|---|---|-----------------------------------|-------------|
| USB port *                                      | ✓ | Power consumption (typical)       | 97.34 W     |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity | 1 | Power consumption (sleep)         | 47.75 W     |
|   |   | AC input voltage                  | 100 - 240 V |
|   |   | Weight & dimensions               |             |
|   |   | Width *                           | 482 mm      |
|   |   | Depth *                           | 425 mm      |
|   |   | Height *                          | 132 mm      |
|   |   | Weight                            | 12 kg       |
|   |   | Package weight                    | 17.1 kg     |
|   |   | Operational conditions            |             |
|   |   | Operating temperature (T-T)       | 0 - 40 °C   |
|   |   | Operating relative humidity (H-H) | 5 - 95%     |

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Publication date: 08-SEP-2024. Prints or copies of Information are only valid on the printed Publication date