

| TS-2888X-W2175-128G            |                                                                                                                                                                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                            | Intel® Xeon® W-2175 14-core 2.5 GHz Processor (burst up to 4.3 GHz)                                                                                                                                                                         |
| CPU Architecture               | 64-bit x86                                                                                                                                                                                                                                  |
| Floating Point Unit            | ###TICK###                                                                                                                                                                                                                                  |
| Encryption Engine              | ###TICK### (AES-NI)                                                                                                                                                                                                                         |
| System Memory                  | 128 GB RDIMM DDR4 ECC (4 x 32GB)                                                                                                                                                                                                            |
| Maximum Memory                 | 512 GB (8 x 64GB)                                                                                                                                                                                                                           |
| Memory Slot                    | 8 x DDR4 RDIMM/LRDIMM                                                                                                                                                                                                                       |
| Flash Memory                   | 4GB (Dual boot OS protection)                                                                                                                                                                                                               |
| Drive Bay                      | 8 x 3.5-inch + 20 x 2.5-inch                                                                                                                                                                                                                |
| Drive Compatibility            | 3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives 2.5-inch bays: U.2 slot: 2.5-inch U.2 NVMe Gen3 x4/x2 solid state drives SATA slot: 2.5-inch SATA solid state drives          |
| Hot-swappable                  | ###TICK###                                                                                                                                                                                                                                  |
| SSD Cache Acceleration Support | ###TICK###                                                                                                                                                                                                                                  |
| Gigabit Ethernet Port (RJ45)   | 4                                                                                                                                                                                                                                           |
| 10 Gigabit Ethernet Port       | 2 x 10GBASE-T                                                                                                                                                                                                                               |
| Jumbo Frame                    | ###TICK###                                                                                                                                                                                                                                  |
| PCIe Slot                      | 8 Slot 1: PCIe Gen3 x8 or x4 (CPU) Slot 2: PCIe Gen3 x4 (CPU) Slot 3: PCIe Gen3 x8 or x4 (CPU) Slot 4: PCIe Gen3 x4 (CPU) Slot 5: PCIe Gen3 x8 or x4 (CPU) Slot 6: PCIe Gen3 x4 (CPU) Slot 7: PCIe Gen3 x4 (PCH) Slot 8: PCIe Gen3 x4 (PCH) |
| USB 2.0 port                   | 4                                                                                                                                                                                                                                           |
| USB 3.0 port                   | 6                                                                                                                                                                                                                                           |
| Audio Input                    | 2 x 3.5mm microphone jacks (dynamic microphones only)                                                                                                                                                                                       |
| Audio Output                   | speaker, 3.5mm line out jack (for amplifier or headphone amplifier)                                                                                                                                                                         |
| Form Factor                    | Tower                                                                                                                                                                                                                                       |
| LED Indicators                 | 3.5-inch HDD, 2.5-inch SSD, 2.5" U.2 SSD, Status, LAN, USB port status                                                                                                                                                                      |
| LCD Display/ Button            | ###TICK###                                                                                                                                                                                                                                  |
| Buttons                        | Power, Reset, USB Copy                                                                                                                                                                                                                      |
| Dimensions (HxWxD)             | 612, 374, 448                                                                                                                                                                                                                               |
| Weight (Net)                   | 26.7                                                                                                                                                                                                                                        |

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Weight (Gross)        | 31.46                                            |
| Operating temperature | 0 - 40 °C (32°F - 104°F)                         |
| Relative Humidity     | 5-95% RH non-condensing, wet bulb: 27°C (80.6°F) |
| Power Suply Unit      | 2000W PSU, 200-240Vac                            |
| Fan                   | 1 x 9 cm fan (12V DC) 9 x 12 cm fan (12V DC)     |
| Sound Level           | 33.6 dB(A)                                       |

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications. Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

\* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Designs and specifications are subject to change without notice.