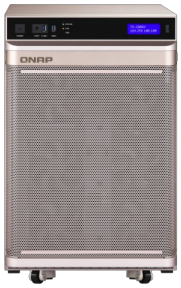

TS-2888X-W2175-128G (By Request)

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	Yes
Encryption Engine	Yes (AES-NI)
System Memory	128 GB RDIMM DDR4 ECC (4 x 32GB)
Maximum Memory	512 GB (8 x 64GB)
Memory Slot	8 x R-DIMM/LR-DIMM DDR4
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 6Gb/s, 3Gb/s hard disk drives 2.5-inch SATA 6Gb/s, 3Gb/s hard disk drives 2.5-inch SATA 6Gb/s, 3Gb/s 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 6Gb/s, 3Gb/s solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	4
10 Gigabit Ethernet Port	2 x 10GBASE-T
Jumbo Frame	Yes

PCIe Slot	8 Slot 1: PCIe Gen 3 x8 or x4 (CPU) Slot 2: PCIe Gen 3 x4 (CPU) Slot 3: PCIe Gen 3 x8 or x4 (CPU) Slot 4: PCIe Gen 3 x4 (CPU) Slot 5: PCIe Gen 3 x8 or x4 (CPU) Slot 6: PCIe Gen 3 x4 (CPU) Slot 7: PCIe Gen 3 x4 (PCH) Slot 8: PCIe Gen 3 x4 (PCH)
USB 2.0 port	4
USB 3.2 Gen 1 port	6
Audio Input	2 x 3.5mm dynamic microphone input jacks
Audio Output	1 x built-in speaker, 1 x 3.5mm line out jack (for amplifiers or speakers)
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	Yes
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	612 × 374 × 448 mm
Weight (Net)	26.7 kg
Weight (Gross)	31.46 kg
Operating temperature	0 - 40 °C (32°F - 104°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27˚C (80.6˚F)
Power Supply Unit	2000W PSU, 200-240Vac, Max Wattage: 2000W@200-240Vac 1500W@115-200Vac 1200W@110-115Vac
Power Consumption: Operating Mode, Typical	221.1 W
Fan	1 x 90mm, 12VDC 9 x 120mm, 12VDC
Sound Level	33.6 db(A)
System Warning	Voice prompts or Buzzer
Max. Number of Concurrent Connections (CIFS)	700

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.