





TS-h1283XU-RP-E2236-128G		
CPU	Intel® Xeon® E-2236 6-core/12-thread 3.4 GHz processor (burst up to 4.8 GHz)	
CPU Architecture	64-bit x86	
Floating Point Unit	Yes	
Encryption Engine	Yes (AES-NI)	
System Memory	128 GB UDIMM DDR4 ECC (4 x 32GB)	
Maximum Memory	128 GB (4 x 32 GB)	
Memory Slot	4 x Long-DIMM DDR4	
Flash Memory	5GB (Dual boot OS protection)	
Drive Bay	12 x 3.5-inch SATA 6Gb/s, 3Gb/s	
Drive Compatibility	3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives	
Hot-swappable	Yes	
SSD Cache Acceleration Support	Yes	
Gigabit Ethernet Port (RJ45)	4	
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC port, 2 x 10GBase-T port	
Jumbo Frame	Yes	
PCIe Slot	4 Slot 1: PCIe Gen 2 x4 (PCH) Slot 2: PCIe Gen 3 x8 (CPU)	
	Slot 3: PCIe Gen 3 x4 (CPU) Slot 4: PCIe Gen 3 x4 (CPU)	
USB 3.2 Gen 2 (10Gbps) Port	· /	
-	Slot 4: PCIe Gen 3 x4 (CPU)  2 x Type-C USB 3.2 Gen 2 5V/3A 10Gbps	

Buttons	Power, Reset
Dimensions (HxWxD)	88.3 × 482 × 562 mm
Weight (Net)	11.75 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	500W(x2), 100-240V
Power Consumption: Operating Mode, Typical	105.12 W
Fan	System fan: 2 x 60mm, 12VDC
Sound Level	40.6 db(A)
System Warning	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.

Designs and specifications are subject to change without notice.

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