QNAP

TS-h1277XU-RP-3700X-128G

CPU	AMD Ryzen™ 7 3700X 8-core/16-thread 3.4 GHz processor, Turbo Core 4.4 GHz
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	128 GB UDIMM DDR4 (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)	2
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 3 x4 Slot 2: PCIe Gen 3 x8 or PCIe Gen 3 x4* Slot 3: PCIe Gen 3 x4 Slot 4: PCIe Gen 3 x8 or PCIe Gen 3 x4**
USB 3.0 port	4
USB 3.1 Gen 2 (10Gbps) Port	1 x Type-C USB 3.1 Gen2 5V/3A 10Gbps 1 x Type-A USB 3.1 Gen2 5V/1A 10Gbps
Form Factor	2U Rackmount
LED Indicators	HDD 1-12, Status, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	88.3 × 482 × 562 mm
Weight (Net)	13.73 kg

Weight (Gross)	16 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	300W (x2), 100-240V
Power Consumption: Operating Mode, Typical	106.66 W
Fan	System fan: 2 x 70mm, 12VDC
Sound Level	37.2 db(A)
System Warning	Buzzer

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.