ES2486dc-2142IT-128G

CPU	Intel® Xeon® D-2142IT 8-core 1.90 GHz processor (burst up to 3.0 GHz) per controller
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	64 GB RDIMM DDR4 ECC (4 x 16 GB) per controller
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	24 x 2.5-inch
Drive Compatibility	2.5-inch bays: 2.5-inch SAS/SATA hard disk drives 2.5-inch SAS/SATA solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes Read cache only
Cache for Copy To Flash (C2F)	1 per each controller (64GB)
Gigabit Ethernet Port (RJ45)	3 for each controller (one for remote management)
10 Gigabit Ethernet Port	4 x 10GbE SFP+ for each controller
Jumbo Frame	Yes
PCIe Slot	2 Slot 1: PCIe Gen 3 x8 (CPU) Slot 2: PCIe Gen 3 x8 (CPU)
USB 3.2 Gen 1 port	2 per each controller
Form Factor	2U Rackmount
LED Indicators	System Power LED (Green): on/off System Status (Green/ Orange): in operation, system errors, low power, degraded RAID mode, memory failure, fan/power supply failure, system/disk temperature too high, storage pool reaching threshold value, system performing take-over, power supply unit unplugged LCD Status Display (Two-digit number): Status of JBOD connection
Buttons	Power, Reset

Dimensions (HxWxD)	88.3 × 483 × 545.1 mm
Weight (Net)	27.41 kg
Weight (Gross)	32.83 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	Redundant/ Hot Swap Power Vin:90~264VAC;700W
Power Consumption: Operating Mode, Typical	579.59 W
Fan	Hot-swappable fan module (60*60*38mm; 16000RPM/12v/2.8A x 3)
Sound Level	60.9 db(A)
System Warning	Buzzer
Safety Standard	FCC Class A (USA only) CE Mark (EN55022 Class A, EN55024) EN60950 BSMI VCCI CB LVD

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.