



QuCPE-7012-D2146NT-32G

CPU	Intel® Xeon® D-2146NT 8-core/16-thread 2.3GHz processor (11M Cache; burst up to 3.0GHz)
System Memory	32GB DDR4 2666MHz ECC UDIMM (2 x 16GB)
Maximum Memory	128 GB (UDIMM) or 256GB (RDIMM)
Memory Slot	8 x Long-DIMM DDR4 DDR4 2133/2400MHz slots, up to 128 GB (UDIMM) or 256GB (RDIMM)
Drive Bays	2 x 2.5-inch SATA 6Gb/s, 3Gb/s
Total number of built-in and Pre-configured Ports	12
10GbE SFP+	4
Network Module Slot	1
PCIe Slot	1 x PCIe Gen 3 x8
Form Factor	Rackmount, 1U
Fan	3 x Cooling fans with smart fan
USB 2.0 port	1
USB 3.2 Gen 1 port	1
Power	Redundant power 300W, 90V~264V AC
Intel QAT support	Yes
SR-IOV supports	Yes
Intel DPDK support	Yes

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. Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

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