

QuCPE-7012-D2166NT-64G

CPU	Intel® Xeon® D-2166NT 12-core/24-thread 2.0GHz processor (16.6M Cache; up to 3.0 GHz)
System Memory	64GB DDR4 2666MHz ECC UDIMM (4 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.
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