



QuCPE-7012-D2166NT-64G

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|---|---|
| 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. 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.

Designs and specifications are subject to change without notice.

