

CloudServer Pro X500 - Technical Specifications

The CloudServer Pro X500 is our flagship enterprise server solution, designed for high-performance computing workloads. It features the latest generation processors, massive memory capacity, and enterprise-grade redundancy features.

Hardware Specifications

Component	Specification
Processor	Dual Intel Xeon Gold 6348 (28 cores each)
RAM	512 GB DDR4 ECC
Storage	8x 4TB NVMe SSD (RAID 10)
Network	4x 25GbE ports
Power Supply	Dual redundant 2000W
Form Factor	2U Rackmount
Warranty	5 years enterprise support

Performance Benchmarks

Benchmark	Score	Industry Average
CPU Performance (SPECint)	385	250
Memory Bandwidth (GB/s)	280	180
Storage IOPS (4K Random)	2,500,000	800,000
Network Throughput (Gbps)	98	50
Power Efficiency (Perf/Watt)	92	65