

FusionCube 1000-G







Product Overview

The new generation FusionCube 1000-G infrastructure features a dual stack unified architecture that supports unified resource management and shared cluster and pool expansion. Through intelligent grouping and kernel partitioning algorithms, software and hardware are integrated, resulting in a 20% performance improvement. Support cloud native container engine, ultimate lightweight, virtualization&container dual stack balancing steady-state&sensitive applications. Supporting Blue Whale App Store, business deployment has been shortened from 0.5 days to 1 hour, and business launch has been shortened from 2 days to 1 hour. Support focusing on virtualization and desktop cloud scenarios, assisting enterprises in independent innovation and development, and bringing new user experiences to enterprises.

Product Specifications

Network	10GE/25GE ROCE, 100GE ROCE
Storage Architecture	Distributed Storage
Main Memory Medium	HDD/SSD
Cache Media	SAS/NVMe SSD
Server Type	TS200-2280, K22R-02, TaiShan 2280 V2, 2280, DPE60000
Storage Efficiency	Support EC, re delete compression, and multiple copies
Data Redundancy Protection Mechanism	EC (M+N, M ≤ 24, N=2 or 3 or 4), 2 replicas, 3 replicas
Reliability	Asynchronous replication, synchronous replication, AA dual active, fault reduction (EC redundancy), DIF end-to-end consistency verification (online verification, background verification, seamless self-healing)
Management Software	FusionCube MetaVision
The Maximum Number of Nodes Supported by the System	one thousand and twenty-four
System Expansion	Support server expansion, support main memory media expansion, support memory expansion
System Capacity Reduction	Support server capacity reduction
Other	Support NPU, compatible with supporting HCS, DCS, etc



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