

Golden Award AI Computing & Tech

PASCARI D206V: 245TB Ultra-High Capacity Enterprise SSD



PHISON

Phison Electronics Corp

群聯電子股份有限公司竹南分公司



Winning Reason

The Phison PASCARI D206V stands as the industry's highest-capacity enterprise SSD, delivering an unprecedented 245TB in a single drive. By leveraging advanced 2Tb 3D QLC technology, it empowers data centers to achieve multiple times the storage capacity within the same rack space, drastically enhancing storage density. Built on the PCIe Gen 5 interface for extreme bandwidth and transfer speeds, the D206V also features significant advancements in low power consumption, secure encryption, and robust power-loss protection, setting a new benchmark for high-density enterprise storage.

Product Feature

Phison is a global leader in NAND flash controller ICs and storage solutions, and one of Taiwan's top four IC design companies. Since 2023, it has invested in AI SSD technology and launched the Pascari eSSD brand. This product is the world's first ultra-high-capacity eSSD built on Taiwan's proprietary technology, showcasing Taiwan's strength in storage. (1) High density for space and power efficiency With 245TB per drive, it cuts system complexity and rack space while supporting AI data access. Its integrated design reduces power and cooling demand, lowering energy use by up to 70%. (2) High-speed interface for AI workloads Using PCIe 5.0, it delivers 2,200K IOPS and error rates 10x lower than competitors, optimized for LLM inference and high-throughput AI applications.