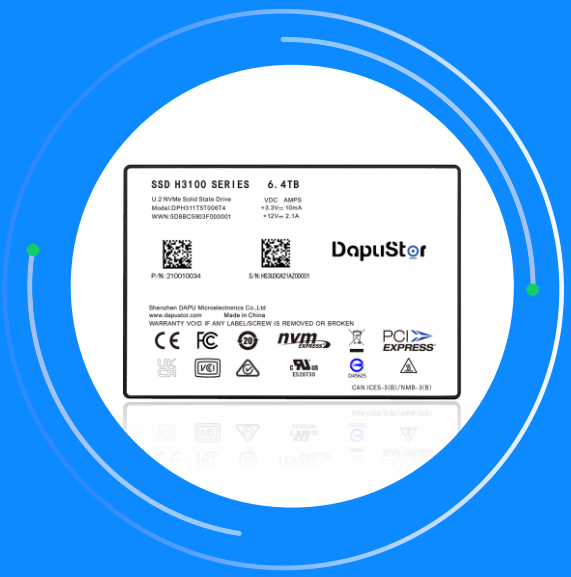
DapuStor | 大普微

Haishen3 Series

DapuStor Enterprise NVMe SSD



DapuStor Haishen3 Series is built on KIOXIA 96L 3D eTLC NAND with a leading enterprise controller and provides excellent performance for enterprise-level data storage solutions. For the storage capacity, DapuStor Haishen3 Series supports storage capacities from 0.96 TB to up to 7.68 TB and offers customised features such as Open Channel, KV, and Zoned Namespace.

Higher IOPS/Watt For Lower TCO

DapuStor Haishen3 Series is optimised for high speed with low power consumption. By adopting unique Smart-IO technology with an industry-leading enterprise controller, DapuStor Haishen3 Series generates a 20% to 40% higher IOPS/Watt ratio for lower TCO.

Enhanced Security And Reliability

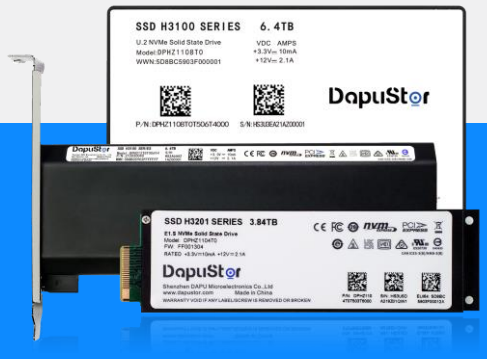
For security and reliability, the DapuStor Haishen3 Series enhances end-to-end data protection on both firmware and hardware paths, including DOR ECC, LDPC, and power loss projection.

Longer Lifetime

DapuStor Haishen3 Series adopts the machine learning algorithm Smart-IO to lower WAF and extend SSD lifespan.

Orie Size Fitting All

The DapuStor Haishen3 Series with KIOXIA 96L 3D eTLC NAND offers various capacity options, higher storage density and less space.



Professional Customisation

Based on a portable, modular design, and algorithm the DapuStor Haishen3 Series supports advanced features customisation such as Dual Port, SRIOV, Multi-stream, IOD, and new technologies such as Open Channel, KV, and Zoned Namespace.

Haishen3 Series

DapuStor Enterprise NVMe SSD

Product Spec

PCN (Product Code Name)	H3200				H3100			
Capacity(TB)	0.96	1.92	3.84	7.68	0.8	1.6	3.2	6.4
Form Factor	U.2 & AIC							
Interface	PCIe 3.0 x4, NVMe 1.3							
Flash Type	96L 3D eTLC NAND							
Read Bandwidth (128KB) MB/s	3500	3500	3500	3500	3500	3500	3500	3500
Write Bandwidth (128KB) MB/s	1350	2700	3100	3100	1350	2700	3000	3000
Random Read (4KB) KIOPS	580	820	820	820	580	820	820	820
Random Write (4KB) KIOPS	68	115	130	125	140	240	250	230
Power	7.0/8.5	8.0/10	9.0/11	10/12.5	7.0/8.5	7.5/10	8.0/11	8.5/12.5
4K Random Latency (Typ.) RW µs	85/15							
4K Sequential Latency (Typ.) RW µs	15/15							
Endurance	1 DWPD				3 DWPD			
MTBF	2 million hours							
UBER	1 sector per 10^17 bits read							
Supported OS	RHEL, SLES, CentOS, Ubuntu, Windows Server, VMware ESXi							
Certification	FCC, CE, ROHS, REACH, WEEE, PCI express, NVM express							

*Differences in hardware, software, or configuration will affect actual test results.

+86 400-9938-968

http://en.dapustor.com/

3501 Chuangtou Building, No.9 Tengfei Road, Huanggekeng Community, Longcheng Street, Longgang District, Shenzhen , China
Room 1802-1, Xinzhongguan Gate Tower B, No.19 Zhongguancun Street, Haidian District, Beijing