

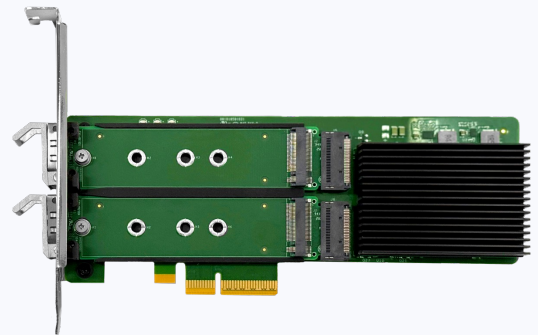
FlexRaid6 BootRAID

Server Boot Drive RAID Card

Overview

The DapuStor® BootRAID series enterprise-grade RAID card is designed for server boot drive applications in enterprises and data centers. This series supports PCIe Gen4 (for both host and device interfaces) to meet the high-speed NVMe/SATA boot RAID card application requirements under the PCIe Gen4 platform.

The Flexraid6 series server boot RAID card, designed for enterprises and data centers, is built on DapuStor's in-house developed DP808AL RAID card chip, featuring complete intellectual property rights.



Key Features

Supported Interfaces

- Host Interface: Supports PCIe 4.0x4, backward compatible with PCIe 3.0
- Host Protocols: Supports NVMe 2.0 and MI protocols with driver-free implementation
- Device Interface: Supports NVMe 2.0 and SATA 3.0
- Performance: Sequential read/write bandwidth up to 7GB/s; random read up to 1.7M IOPS

High Security

- Supports AES/RSA/SHA/TRNG encryption
- Secure Boot

RAID Features

- Supports RAID 0/1
- Supports S.M.A.R.T.
- Disk hot-plug and hot-swap
- Patrol read for media scanning and repairing
- Online rebuild support
- Check consistency for background data integrity

Supported Form Factor

- PCIe HHHL Card
- Compatible with NVMe SSDs and SATA SSDs
- Supports M.2 SSDs (2230, 2242, 2260, 2280)

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