Adaptec SmartRAID 3154-8i

Kod producenta: 2291000-R

Typ kontrolera	SAS/SATA RAID
Przepustowość	12Gb/s
Ilość kanałów wew.	8
maks. ilość urządzeń SAS	256
Poziomy RAID	0,1,5,6,10,50,60,ADM
Złącza wew.	2x SFF-8643
Pamięć cache	4096 MB
Typ złącza magistrali	PCI Express 3.0 x8
Format	Low Profile
Podtrzymanie cache	opcja
Waga	360g
Wyposażenie	Additional low profile vented bracket
Gwarancja	36 m-cy
Uwagi	Integrated ASCM-35F backup module with external supercapacito

The 12 Gbps Adaptec SmartRAID 3154-8i RAID adapter has 8 internal SAS/SATA ports in a x8 PCIe Gen 3 low-profile, MD2 form factor. Microchip's industry leading Smart Storage stack delivers maximum reliability and best-in-class performance that all RAID levels come to expect, plus unique features like Mixed Mode support (RAID and HBA devices can be used simultaneously), adapter power management (reduces power consumption up to 30 percent), and Advanced Data Management (ADM) features that allow data migration from existing RAID arrays.

SmartRAID 3154-8i adapters include maxCache 4.0, and when coupled with 12 Gbps SSDs, provide maximum read/write bandwidth and IOPS as well as acceleration and latency optimization through caching. The SmartRAID 3154-8i adapters also integrate flash-based cache backup to enable instant cache protection. The tethered ASCM-35F capacitor module ensures data is safely backed up to Flash memory in case of power loss.

With broad operating system support and ecosystem compatibility, SmartRAID adapters are easy to implement and scale, and the unified maxView management tools and drivers across the Microchip HBA, RAID, and expander solutions enable easy manageability across the entire product line.

The SmartRAID 3154 RAID adapter is an ideal solution for high performance enterprise servers that require maximum connectivity and security.

Product Features

- 8 internal native SAS/SATA ports in low-profile, MD2 form factor

- Integrated flash-based cache backup to enable instant cache protection
- maxCache 4.0 caching software
- RAID levels: 0, 1, 5, 6, 10, 50, 60, 1 ADM and 10 ADM
- Supports simultaneous use of RAID and raw devices (mixed mode)
- Industry's lowest-power 28 nm SmartROC SAS/SATA protocol controller
- Quality and reliability through the unified, hardened Smart Storage stack, which is deployed in over 30 million servers

Strona firmowa produktu: https://www.superstorage.pl/adaptec-smartraid-3154-8i-p-4554.html