# Adaptec SmartRAID 3162-8i /e

## Kod producenta: 2299600-R

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|---|---|
| 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 | 2048 MB |
| Typ złącza magistrali | PCI Express 3.0 x8 |
| Format | Low Profile |
| Podtrzymanie cache | Tak |
| Waga | 360g |
| Wyposażenie | Additional low profile vented bracket |
| Gwarancja | 36 m-cy |
| Uwagi | Integrated flash backup module ASCM-17F, with board-mounted supercapacitor |

Data center, enterprise IT and general consumer server environments have a broad range of requirements—from basic connectivity to extreme data storage capacities. Effective data access and protection is crucial to their ultimate success. The 12 Gbps SmartRAID 3162-8i /e adapter is ideal for high performance enterprise servers that require maximum connectivity. The controllerbased encryption option supports security enabled server platforms and provides the industry's only data-at-rest encryption solution.

The SmartRAID 3162-8i /e provides the industry's only data-atrest controller-based encryption solution. maxCrypto encrypts data on RAID arrays and single drive RAID 0 with AES 256 encryption. It works at line speed, accelerated by silicon engines, with all SAS and SATA devices that are supported in RAID (SSDs and HDDs). It supports local encryption key management and provides a superior solution over self-encrypting drives.

## Product Features

- First SmartRAID solution with fully integrated ZMCP including onboard supercap to enable cache protection without requiring extra space in the server • maxCache 4.0 caching software
- maxCrypto controller-based encryption with local key management
- RAID levels: 0, 1, 5, 6, 10, 50, 60, 1 ADM and 10 ADM
- Supports simultaneous use of RAID and raw devices (mixed mode)
- 12 Gbps and 6 Gbps compatibility with HDD or SSD SAS/ SATA devices
- 12 Gbps throughput per SAS port using mini-SAS HD connectors
- 1.45M random read 4 KB IOPS
- 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 30M servers

*Strona firmowa produktu: https://www.superstorage.pl/adaptec-smartraid-3162-8i-p-4567.html*