

Produktinformation



Information

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| <i>Tillverkare</i> | Hewlett Packard Enterprise |
| <i>Artnr</i> | 761874-B21-REF |

HPE Smart Array P840/4GB with FBWC - Storage controller (RAID) - 16 Channel - SATA 6Gb/s / SAS 12Gb/s - 12 Gbit/s - RAID 0, 1, 5, 6, 10, 50, 60, 1 ADM, 10 ADM - PCIe 3.0 x8 - for ProLiant DL180 Gen9, DL560 Gen9, DL80 Gen9, ML110 Gen9, ML350 Gen9

The HP smart array P840 controller is a full height controller that provides enterprise-class storage performance, increased internal scalability, and data protection for HP ProLiant Gen9 rack and tower servers. It features 16 internal physical links and delivers increased server uptime by providing advanced storage functionality, including online RAID level migration between any RAID levels with FBWC, global online spare, and pre-failure warning. This controller supports 16 drives without need for the SAS Expander Card providing point to point connectivity to SSDs for lower latency. This controller has transportable FBWC allowing the data in the cache to be migrated to a new controller.

Specifikation

General

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| Status | R4 |
| Device Type | Storage controller (RAID) - plug-in card |
| Host Bus | PCIe 3.0 x8 |

Storage Controller

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| Interface | SATA 6Gb/s / SAS 12Gb/s |
| Data Transfer Rate | 12 Gbit/s |
| Buffer Size | 4 GB |
| Supported Devices | Disk array (RAID) |
| Channel Qty | 16 |
| Max Storage Devices Qty | 16 |
| RAID Level | RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60, RAID 1 ADM, RAID 10 ADM |

Expansion / Connectivity

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| Interfaces | 2 x SATA 6Gb/s / SAS 12Gb/s (internal) |
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| Miscellaneous |
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| Features | HP SmartCache |
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| Compliant Standards | WEEE |
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| Software / System Requirements |
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| OS Required | Microsoft Windows Server 2008 R2, Ubuntu 12.04, Microsoft Windows Server 2012, Oracle Solaris 11.1, Microsoft Windows Server 2012 R2, VMware ESXi 5.0 update 2, VMware ESXi 5.1 update 1, VMware vSphere 5.5, SuSE Linux Enterprise Server 11 SP3, Ubuntu 14.04, Red Hat Enterprise Linux 7, Red Hat Enterprise Linux 6 update 5 |
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| Dimensions & Weight |
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| Width | 1.5 cm |
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| Depth | 16.8 cm |
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| Height | 11.1 cm |
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| Compatibility Information |
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| Designed For | HPE ProLiant DL180 Gen9, DL560 Gen9 Entry, DL80 Gen9 Entry, ML110 Gen9, ML110 Gen9 Base, ML110 Gen9 Entry, ML350 Gen9, ML350 Gen9 Base, ML350 Gen9 Entry, ML350 Gen9 Performance |
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