

## Produktinformation



### Information

|                    |                            |
|--------------------|----------------------------|
| <i>Tillverkare</i> | Hewlett Packard Enterprise |
| <i>Artnr</i>       | 761871-B21-REF             |

## HPE Smart Array P244br/1G FBWC - Storage controller (RAID) - 2 Channel - SATA 6Gb/s / SAS 12Gb/s - 12 Gbit/s - RAID 0, 1, 10 - PCIe 3.0 x8 - factory integrated - for Apollo 4510 Gen9, 4520 Gen9, 4530; ProLiant WS460c Gen9

Are you looking for fault tolerance in the internal drives attached to your HP ProLiant BL460c Gen9 Server? The HP Smart Array P244br Controller is a Flexible Smart Array, SAS RAID controller that provides enterprise-class storage performance and data protection for the HP ProLiant BL460c Gen9 Server Blade. It features two internal physical links and delivers increased server uptime by providing advanced storage functionality with flash-backed write cache (FBWC) and pre-failure warning. The Gen9 Server family of controllers supports the HP smart storage battery. With HP smart storage battery, multiple Smart Array controllers are supported without needing additional backup power sources for each controller, resulting in a simple upgrade process and at a reduced cost.

## Specifikation

### General

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

### Storage Controller

|                           |                         |
|---------------------------|-------------------------|
| <b>Interface</b>          | SATA 6Gb/s / SAS 12Gb/s |
| <b>Data Transfer Rate</b> | 12 Gbit/s               |
| <b>Buffer Size</b>        | 1 GB                    |
| <b>Supported Devices</b>  | Disk array (RAID)       |
| <b>Channel Qty</b>        | 2                       |
| <b>RAID Level</b>         | RAID 0, RAID 1, RAID 10 |
| <b>Processor</b>          | MIPS                    |

### Expansion / Connectivity

|                                      |  |
|--------------------------------------|--|
| <b>Interfaces</b>                    | 2 x SATA 6Gb/s / SAS 12Gb/s (internal)   |
| Miscellaneous                        |  |
| <b>Features</b>                      | Online Capacity Expansion (OCE), Online RAID Level Migration (RLM), Native Command Queuing (NCQ), HP SmartCache, HBA Mode, dynamic sector repair   |
| <b>Compliant Standards</b>           | WEEE   |
| <b>Pricing Type</b>                  | Factory integrated   |
| Power                                |  |
| <b>Power Consumption Operational</b> | 20 Watt  |
| Software / System Requirements       |  |
| <b>OS Required</b>                   | Microsoft Windows Server 2008 R2, Microsoft Windows Server 2008, Ubuntu 12.04, Microsoft Windows Server 2012, Oracle Solaris 11.1, Microsoft Windows Server 2012 R2, SuSE Linux Enterprise Server 11 SP3, Ubuntu 14.04, Red Hat Enterprise Linux 7 |
| Dimensions & Weight                  |  |
| <b>Width</b>                         | 3.12 cm  |
| <b>Depth</b>                         | 13.46 cm   |
| <b>Height</b>                        | 9.04 cm  |
| <b>Weight</b>                        | 450 g  |
| Environmental Parameters             |  |
| <b>Min Operating Temperature</b>     | 10 °C  |
| <b>Max Operating Temperature</b>     | 55 °C  |
| <b>Humidity Range Operating</b>      | 10 - 90% (non-condensing)  |
| Compatibility Information            |  |
| <b>Designed For</b>                  | HPE Apollo 4510 Gen9, 4520 Gen9, 4530 HPE ProLiant WS460c Gen9 Graphics, WS460c Gen9 Graphics Expansion  |