

HPE Smart Array P816i-a SR Gen10 - storage controller (RAID) - SATA 6Gb/s / SAS 12Gb/s - PCIe 3.0 x8



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SKU	869083-B21
Product Description:	HPE Smart Array P816i-a SR Gen10 - storage controller (RAID) - SATA 6Gb/s / SAS 12Gb/s - PCIe 3.0 x8
Device Type:	Storage controller (RAID) - plug-in card
Bus Type:	PCIe 3.0 x8
Features:	Low profile heatsink
Interface:	SATA 6Gb/s / SAS 12Gb/s
Data Transfer Rate:	12 Gbit/s
Buffer Size:	4 GB

General

Device Type:	Storage controller (RAID) - plug-in card
Host Bus:	PCIe 3.0 x8
Features:	Low profile heatsink

Compatibility Information

Storage Controller

Interface:	SATA 6Gb/s / SAS 12Gb/s
Data Transfer Rate:	12 Gbit/s
Buffer Size:	4 GB
Supported Devices:	Hard drive, disk array (RAID)
Channel Qty:	16
RAID Level:	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60, RAID 1 ADM, RAID 10 ADM
Maximum LUNs:	64

Expansion / Connectivity

Interfaces:	4 x SATA 6Gb/s / SAS 12Gb/s (internal)
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Miscellaneous

Features:	Flash Backed Write Cache (FBWC)
Compliant Standards:	FIPS 140-2 Level 1

Software / System Requirements

OS Required:	Microsoft Windows Server, Red Hat Enterprise Linux, CentOS, Oracle Solaris, Citrix XenServer, Oracle Linux, ClearOS, VMware vSphere (ESXi), Microsoft Windows Hyper-V Server
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Compatibility Information

Designed For:	HPE Apollo 4200 Gen10 for HPE Ezmeral Tracking ; HPE Nimble Storage dHCI Medium Solution with HPE ProLiant DL325 Gen10 Plus, Medium Solution with HPE ProLiant DL360 Gen10, Small Solution with HPE ProLiant DL360 Gen10 ; HPE ProLiant DL325 Gen10, DL325 Gen10 Base, DL325 Gen10 Entry, DL325 Gen10 Performance, DL325 Gen10 Plus, DL325 Gen10 Plus All-NVMe Flash Node for Qumulo, DL325 Gen10 Plus All-NVMe Flash Node for Software Defined Storage, DL325 Gen10 Plus for Weka Expansion Tracking, DL325 Gen10 Plus V2 Base, DL325 Gen10 Plus V2 Performance, DL325 Gen10 SMB Solution, DL325 Gen10 Solution, DL360 Gen10, DL360 Gen10 32TB Performance Server for Cohesity DataPlatform, DL360 Gen10 77TB Performance Server for Cohesity DataPlatform, DL360 Gen10 All Flash Server for Datera, DL360 Gen10 All Flash Server for Weka, DL360 Gen10 Base, DL360 Gen10 Compute Server for Cohesity DataPlatform, DL360 Gen10 Entry, DL360 Gen10 High Performance, DL360 Gen10 Low, DL360 Gen10 Network Choice, DL360 Gen10 Network Choice for SAP HANA Compute Block, DL360 Gen10 Performance, DL360 Gen10 Performance for Cohesity DataPlatform, DL360 Gen10 Plus, DL360 Gen10 Plus All-NVMe Server for Software Defined Storage, DL360 Gen10 Plus for Weka Base Tracking, DL360 Gen10 Plus Network Choice, DL360 Gen10 Premium, DL360 Gen10 Remote Office Branch Office Server for Cohesity DataPlatform, DL360 Gen10 Server for CTERA, DL360 Gen10 SMB, DL360 Gen10 SMB Network Choice, DL360 Gen10 Solution, DL360 Gen10 Special Server, DL365 Gen10 Plus, DL560 Gen10, DL560 Gen10 Base, DL560 Gen10 Entry, DL560 Gen10 for SAP HANA Compute Block, DL560 Gen10 Performance
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