

# HPE Write Intensive - SSD - 400 GB - Hot-Swap - 2.5" SFF (6.4 cm SFF)

SAS 12Gb/s - mit HPE Smart Carrier

Gruppe	Festplatten
Hersteller	HPE
Hersteller Art. Nr.	P04541-B21
EAN/UPC	0190017284248



## Beschreibung

HPE Write Intensive - SSD - 400 GB - Hot-Swap - 2.5" SFF (6.4 cm SFF) - SAS 12Gb/s - mit HPE Smart Carrier

## Hauptmerkmale

Produktbeschreibung	HPE Write Intensive - SSD - 400 GB - SAS 12Gb/s
Typ	Solid State Drive - Hot-Swap
Kapazität	400 GB
NAND-Flash-Speichertyp	Multi-Level-Cell (MLC)
Formfaktor	2.5" SFF (6.4 cm SFF)
Schnittstelle	SAS 12Gb/s
Datenübertragungsrate	1.2 GBps
Merkmale	Digitally Signed Firmware
Abmessungen (Breite x Tiefe x Höhe)	15 mm
Kombiniert mit	HPE Smart Carrier
Entwickelt für	Apollo 4510 Gen9; Nimble Storage dHCI Large Solution with HPE ProLiant DL380 Gen10, Medium Solution with HPE ProLiant DL325 Gen10, Medium Solution with HPE ProLiant DL360 Gen10, Small Solution with HPE ProLiant DL360 Gen10; ProLiant BL460c Gen10, DL180 Gen10, DL325 Gen10, DL360 Gen10, DL360 Gen9, DL380 Gen10, DL380 Gen9, DL385 Gen10, DL388 Gen10, DL560 Gen10, DL580 Gen10, ML110 Gen10, ML30 Gen10, ML30 Gen9, ML350 Gen10; Synergy 660 Gen10, 680 Gen9

## Ausführliche Details

### Allgemein

Gerätetyp	Solid State Drive - Hot-Swap
Kapazität	400 GB
NAND-Flash-Speichertyp	Multi-Level-Cell (MLC)
Formfaktor	2.5" SFF (6.4 cm SFF)
Schnittstelle	SAS 12Gb/s
Merkmale	Digitally Signed Firmware

Höhe	15 mm
Kombiniert mit	HPE Smart Carrier
<b>Leistung</b>	
Laufwerkaufrichtungen pro Tag	10
SSD-Leistung	7300 TB
Übertragungsrate Laufwerk	1.2 GBps (extern)
Interner Datendurchsatz	1075 MBps (lesen)/ 1030 MBps (Schreiben)
4 KB Random Read	104000 IOPS
4 KB Random Write	115000 IOPS
Maximal 4 KB Random Write	115000 IOPS
Maximal 4 KB Random Read	165000 IOPS
<b>Erweiterung und Konnektivität</b>	
Schnittstellen	1 x SAS 12 Gb/s
Kompatibles Schaltfeld	2.5" SFF (6.4 cm SFF)
<b>Stromversorgung</b>	
Energieverbrauch	6.21 Watt (Maximum)   4.82 Watt (zufälliges Lesen)   4.82 Watt (zufällige Beschriftung)   6.21 Watt (sequenzielles Lesen)   5.75 Watt (sequenzielles Schreiben)   4.82 Watt (zufälliges Lesen/Schreiben)
<b>Herstellergarantie</b>	
Service und Support	Begrenzte Garantie - 3 Jahre
<b>Informationen zur Kompatibilität</b>	
Entwickelt für	HPE Nimble Storage dHCI Large Solution with HPE ProLiant DL380 Gen10 (2.5"), Medium Solution with HPE ProLiant DL325 Gen10 Plus (2.5"), Medium Solution with HPE ProLiant DL360 Gen10 (2.5"), Small Solution with HPE ProLiant DL360 Gen10 (2.5")   HPE ProLiant DL180 Gen10 Entry (2.5"), DL180 Gen10 SMB (2.5"), DL325 Gen10 (2.5"), DL325 Gen10 Base (2.5"), DL325 Gen10 Entry (2.5"), DL325 Gen10 Performance (2.5"), DL325 Gen10 Plus (2.5"), DL325 Gen10 Plus All-NVMe Flash Node for Qumulo (2.5"), DL325 Gen10 Plus All-NVMe Flash Node for Software Defined Storage (2.5"), DL325 Gen10 Plus for Weka Expansion Tracking (2.5"), DL325 Gen10 SMB Solution (2.5"), DL325 Gen10 Solution (2.5"), DL360 Gen10 All Flash Server for Weka (2.5"), DL360 Gen10 Compute Server for Cohesity DataPlatform (2.5"), DL360 Gen10 Network Choice (2.5"), DL360 Gen10 Performance for Cohesity DataPlatform (2.5"), DL360 Gen10 Remote Office Branch Office Server for Cohesity DataPlatform (2.5"), DL360 Gen10 SMB (2.5"), DL360 Gen10 SMB Network Choice (2.5"), DL360 Gen9 High Performance (2.5"), DL380 Gen10 All Flash Server for Datera (2.5"), DL380 Gen10 Entry SMB (2.5"), DL380 Gen10 for Cohesity DataPlatform (2.5"), DL380 Gen10 for SAP HANA Compute Block (2.5"), DL380 Gen10 Hybrid Server for Datera (2.5"), DL380 Gen10 Network Choice (2.5"), DL380 Gen10 Network Choice for CTERA (2.5"), DL380 Gen10 Network Choice for SAP HANA Compute Block (2.5"), DL380 Gen10 Server for CTERA (2.5"), DL380 Gen10 SMB (2.5"), DL380 Gen10 SMB Networking Choice (2.5"), DL380 Gen10 Solution (2.5"), DL385 Gen10 Plus (2.5"), DL385 Gen10 Plus Entry (2.5"), DL385 Gen10 SMB (2.5"), DL385 Gen10 Solution (2.5"), DL388 Gen10 (2.5"), DL560 Gen10 for SAP HANA Compute Block (2.5"), ML30 Gen10 (2.5"), ML30 Gen10 Entry (2.5"), ML30 Gen10 Performance (2.5"), ML30 Gen10 Solution (2.5"), ML350 Gen10 High Performance (2.5"), ML350 Gen10 SMB (2.5"), ML350 Gen10 Special Server (2.5")

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