



Home > HPE > P17961-B21

P17961-B21 – Storage Datasheet

HPE · DRIVE LFF

WHAT YOU NEED TO KNOW

SAS backplane supports SATA, not vice versa NL-SAS = SAS protocol at nearline (7.2K) speed
— NOT SATA

⚠ Gen8 LFF tray ≠ Gen10 tray — different screw holes

PRODUCT OVERVIEW

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD. Key specifications include Generation: 12th Gen. The unit ships in a LFF form factor suitable for standard rack-mount installations.

Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

LFF BAY



P17961-B21

SPECIFICATIONS

Generation

12th Gen

BROWSE HPE MACHINES

ProLiant DL360 Gen10

ProLiant DL380 Gen10

ProLiant BL460c Gen10

ProLiant DL380 Gen9

ProLiant DL360 Gen9

3PAR StoreServ 8450

ProLiant BL685c G7

3PAR StoreServ 8400

3PAR StoreServ 8440

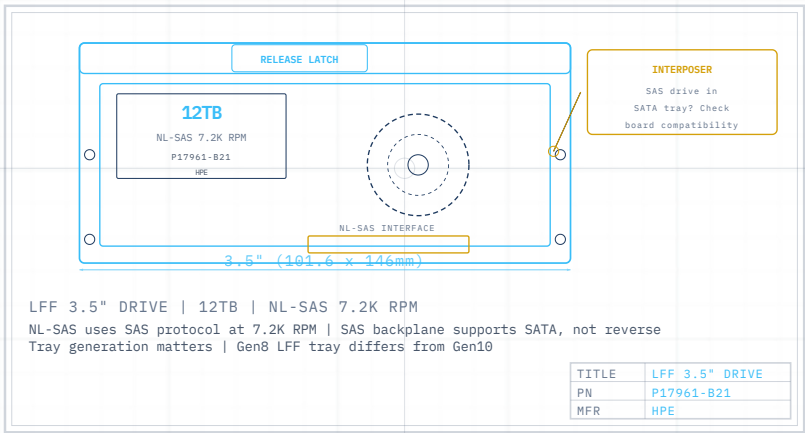
3PAR StoreServ 8200

MSA 2052 SAN Storage

ProLiant BL460c Gen9

[All HPE machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- LFF Form Factor
- 12TB Capacity
- 7.2K RPM Speed

TYPICAL APPLICATIONS

- Enterprise storage arrays and SANs
- Direct-attached storage (DAS) expansion
- Database tier storage (OLTP, OLAP)
- Virtual machine datastore expansion
- Backup-to-disk and disaster recovery targets
- Content delivery and media streaming storage

SUBSTITUTES & CROSS-REFERENCES 12

881779-B21 Compatible PARTNER
HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD compatible

882397-001 Compatible PARTNER
HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD compatible

868210-001 Compatible PARTNER
HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF HDD - Bare Drive compatible

877029-002 Compatible PARTNER
HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF HDD - Bare Drive compatible

881779-H21 Compatible PARTNER
HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD

LIFECYCLE

No lifecycle data available.

compatible

881779-K21
Compatible
PARTNER

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed
 MDL LFF SC HDD
 compatible

THIS PART SUBSTITUTES FOR
 20

877029-002
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
 HPE

881779-B21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
 HPE

881779-H21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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881779-K21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
 HPE

881779-X21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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881781-B21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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881781-H21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
 HPE

881781-K21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
 HPE

881781-X21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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881783-B21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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882397-001
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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882398-001
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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882399-001 SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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MB012000JWDFD SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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MB012000JWRTF SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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MB012000JWTFC SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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MB012000JWZHB SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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P04385-001 SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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P17966-B21 SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
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P23456-002 SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD for DX Servers
HPE

FREQUENTLY ASKED QUESTIONS

What is P17961-B21?

P17961-B21 is a HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD manufactured by HPE.

What parts can replace P17961-B21?

There are 12 known substitutes for P17961-B21: 881779-B21, 882397-001, 868210-001 and 9 more. Substitute compatibility should be verified for your specific system.

Is P17961-B21 still available?

P17961-B21 is currently Unknown.

✓ PartsTable — the parts reference. Every fact cited to its source.

 PartsTable Design LLC · partstable.com

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.