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>
881781B21

881781B21 – Storage Datasheet

HP
·
STORAGE_HDD
·
2.5_SAS_HDD

WHAT YOU NEED TO KNOW

SAS HDD backplane accepts SATA drives, SATA backplane does NOT accept SAS 2.5" SAS HDDs come with or without carrier/tray — ALWAYS ASK

⚠ ALWAYS confirm carrier/tray PN — server-specific trays vary by generation

PRODUCT OVERVIEW

HP 12TB SAS 12G 7.2K LFF SC He 512e DS HDD

HP 12TB SAS 12G 7.2K LFF SC He 512e DS 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

STORAGE_HDD
→
2.5_SAS_HDD
→

LFF BAY
→
881781B21

SPECIFICATIONS

Generation

12th Gen

BROWSE HPE MACHINES

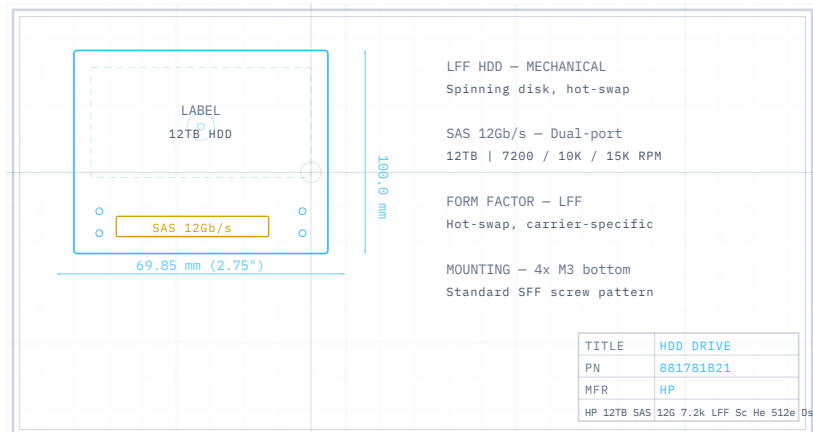
ProLiant DL360 Gen10
ProLiant DL380 Gen10
ProLiant BL460c Gen10
ProLiant DL380 Gen9

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

868210001 [Substitute](#) **BROKER-VERIFIED**
HP 12TB SAS 12G 7.2k LFF Sc He 512e Ds HDD
substitute

882398001 [Substitute](#) **BROKER-VERIFIED**
HP 12TB SAS 12G 7.2k LFF Sc He 512e Ds HDD
substitute

881781-H21 Compatible PARTNER
HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed
MDL LFF LP HDD
compatible

881781-K21 **Compatible** **PARTNER**
HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed
MDL LFF LP HDD
compatible

LIFECYCLE

No lifecycle data available.

881781-X21
Compatible
PARTNER

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

P17966-B21
Compatible
PARTNER

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

THIS PART SUBSTITUTES FOR
 11

881781-H21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
 HPE

881781-K21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
 HPE

881781-X21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
 HPE

882398-001
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
 HPE

P17966-B21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
 HPE

P23456-002
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
 HPE

P23604-B21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
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P23604-H21
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HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
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P23604-K21
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P23604-X21
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
 HPE

P25254-001
SUBSTITUTE

HP 12Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF LP HDD
HPE

FREQUENTLY ASKED QUESTIONS

What is 881781B21?

881781B21 is a HP 12TB SAS 12G 7.2k LFF Sc He 512e Ds HDD manufactured by HP. It is classified as a STORAGE_HDD (2.5_SAS_HDD).

What parts can replace 881781B21?

There are 12 known substitutes for 881781B21: 868210001, 882398001, 881781-H21 and 9 more. Substitute compatibility should be verified for your specific system.

✓ 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.