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857644-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 857644-B21 internal hard drive 10 TB 7200 RPM 3.5" SAS

HP 857644-B21 internal hard drive 10 TB 7200 RPM 3.5" SAS. 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

**857644-B21**

SPECIFICATIONS

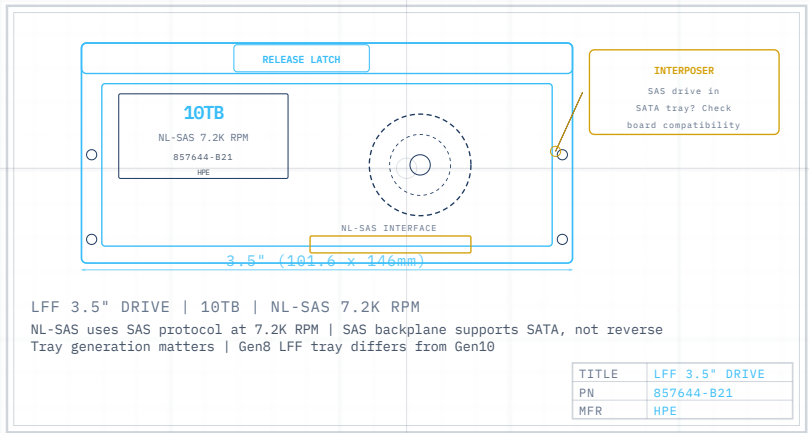
Generation

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
- 10TB 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
 7

857965-001
Compatible
PARTNER

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD compatible

857642-002
Compatible
PARTNER

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF HDD - Bare Drive compatible

857644-H21
Compatible
PARTNER

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD compatible

857644-K21
Compatible
PARTNER

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD compatible

LIFECYCLE

No lifecycle data available.

857644-X21 Compatible PARTNER

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed
MDL LFF SC HDD
compatible

P22552-B21 Compatible PARTNER

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed
MDL LFF SC HDD for DX Servers
compatible

THIS PART SUBSTITUTES FOR 20

878675-001 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
HPE

MB010000JWAYK SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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MB010000JWRTE SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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MB010000JWZHA SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P01107-001 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P09149-B21 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P09149-H21 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P09149-K21 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P09149-X21 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P09151-B21 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P11186-001 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD

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P11187-001 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P15760-001 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P22552-B21 SUBSTITUTE

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P22553-B21 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P23452-B21 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P23452-H21 SUBSTITUTE

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P23452-K21 SUBSTITUTE

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P23452-X21 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
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P23456-001 SUBSTITUTE

HP 10Tb SAS 12G 7.2K 512e Helium Digitally Signed MDL LFF SC HDD
HPE

FREQUENTLY ASKED QUESTIONS

What is 857644-B21?

857644-B21 is a HP 857644-B21 HP 857644-B21 10TB 12G 7.2K LFF MDL 512E SAS 3.5 HDD Hard Disc Drive 857965-001 HP 857644-B21 Technical Details: Brand: HP Part Number: 857644-B21 Condition: Used Drive Types Supported: HDD Form Factor: 3.5 in Interface: SAS Product Line: Midline Rotation Speed: 7200 RPM Storage Capacity: 10 TB Transfer Rate: 12Gb/s Type: Internal Drive Brand: HP R2v3 Cosmetic Code: Used Good R2v3 Functional Code: F4 Fully Tested R2v3 Controlled Status: Controlled R2v3 Data Sanitization: Non-Data Device Why Choose HP 857644-B21? The HP 857644-B21 10TB 12G 7.2K LFF MDL 512E SAS HDD distinguishes itself in the market with its remarkable 10TB capacity and efficient 12G SAS interface, delivering superior data transfer speeds for demanding applications. Designed for large-scale data storage and high-performance environments, this hard drive is ideal for businesses that require robust storage solutions. Its 7.2K RPM offers a perfect balance between speed and energy efficiency, ensuring optimal manufactured by HPE.

What parts can replace 857644-B21?

There are 7 known substitutes for 857644-B21: 857965-001, 857642-002, 857644-H21 and 4 more. Substitute compatibility should be verified for your specific system.

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

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