PartsTable TECHNICAL DATA SHEET

834031-X21 — 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 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF HDD - Bare Drive. 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 → 834031-X21

SPECIFICATIONS

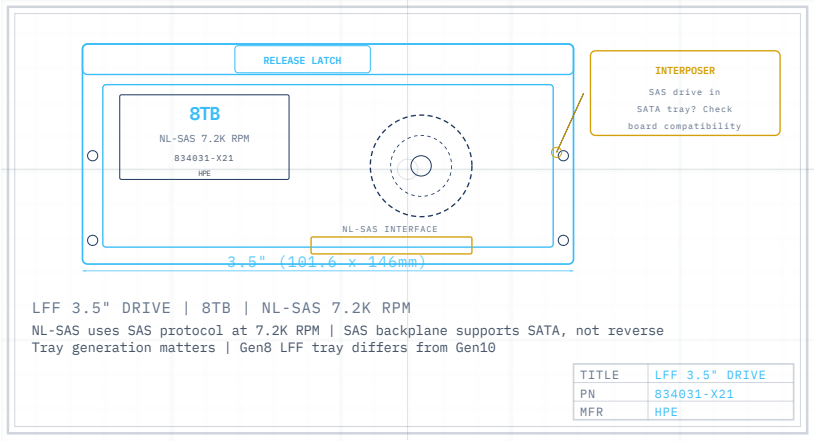
Generation	12th Gen

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**
- **8TB 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

834132-001 Compatible PARTNER
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
compatible

834031-H21 Compatible PARTNER
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
compatible

834031-K21 Compatible PARTNER
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
compatible

867263-B21 Compatible PARTNER
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
compatible

P17965-B21 Compatible PARTNER
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD for DX Servers

LIFECYCLE

No lifecycle data available.

compatible

P28362-B21 Compatible PARTNER
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
compatible

THIS PART SUBSTITUTES FOR 11

P17965-B21 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

P28362-H21 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

P28362-B21 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

P28362-K21 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

P28362-X21 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

P30569-001 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

834031-B21 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

834031-H21 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

834031-K21 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

834132-001 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

867263-B21 SUBSTITUTE
HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF LP HDD
HPE

FREQUENTLY ASKED QUESTIONS

What is 834031-X21?

834031-X21 is a HP 8Tb SAS 12G 7.2K 512e Digitally Signed MDL LFF HDD - Bare Drive manufactured by HPE.

What parts can replace 834031-X21?

There are 12 known substitutes for 834031-X21: 834132-001, 834031-H21, 834031-K21 and 9 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.