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01GV822 – Lenovo ThinkSystem 2.5" 800GB Mainstream SAS 12Gb HS SSD

LENOVO · STORAGE_SSD · 2.5_SAS_SSD

PRODUCT OVERVIEW

01GV822: Lenovo ThinkSystem 2.5" 800GB Mainstream SAS 12Gb HS SSD. It is cited to fit LENOVO Uncategorized SD530, LENOVO ThinkSystem SR630 V1, LENOVO ThinkSystem SR650 V1.

Lenovo ThinkSystem 2.5" 800GB Mainstream SAS 12Gb HS SSD. Key specifications include Interface: SAS, SSD capacity: 800 GB, Component for: Server/workstation, SSD form factor: 2.5", Data transfer rate: 12 Gbit/s, Maximum read (4KB): 197000 IOPS. The unit ships in a SFF 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



SPECIFICATIONS

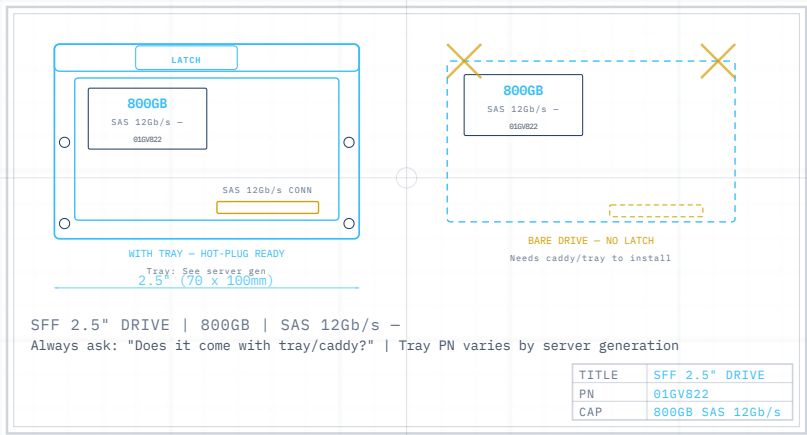
Interface	SAS
SSD capacity	800 GB
Component for	Server/workstation
SSD form factor	2.5"
Data transfer rate	12 Gbit/s
Maximum read (4KB)	197000 IOPS
Maximum write (4KB)	60000 IOPS
Non-operating vibration	20 G
Power consumption (read)	9 W

Power consumption (write)	9 W
Operating temperature (T-T)	0 - 70 °C
Mean time between failures (MTBF)	2000000 h

FITS THESE MACHINES

- Lenovo SD530
- Lenovo ThinkSystem SR630 V1
- Lenovo ThinkSystem SR650 V1

COMPONENT DIAGRAM



KEY FEATURES

- SFF Form Factor
- SAS 12Gb/s Interface
- 800GB Capacity

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 2

7N47A00118 Substitute BROKER-VERIFIED

Lenovo ThinkSystem 2.5" 800GB Mainstream SAS 12Gb HS SSD
substitute

SMD7A09335 Compatible PARTNER

IBM 800Gb SAS 12G MLC SFF Enterprise Mainstream
Samsung PM1635a SSD for ThinkSystem - P/N
compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR 2

SMD7A09335 SUBSTITUTE

IBM 800Gb SAS 12G MLC SFF Enterprise Mainstream Samsung PM1635a SSD for ThinkSystem - FRU
LENOVO

7N47A00118 SUBSTITUTE

IBM 800Gb SAS 12G MLC SFF Enterprise Mainstream Samsung PM1635a SSD for ThinkSystem - FRU
LENOVO

FREQUENTLY ASKED QUESTIONS

What is 01GV822?

01GV822 is a Lenovo ThinkSystem 2.5" 800GB Mainstream SAS 12Gb HS SSD manufactured by LENOVO. It is classified as a STORAGE_SSD (2.5_SAS_SSD).

What parts can replace 01GV822?

There are 2 known substitutes for 01GV822: 7N47A00118, SMD7A09335. 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.