

[Home](#) > [Lenovo](#) > 7N47A00126

7N47A00126 – Storage Datasheet

Lenovo · DRIVE SFF

WHAT YOU NEED TO KNOW

SAS backplane accepts SATA drives (not vice versa) Buy with tray when possible — saves cost vs separate tray

⚠ ALWAYS ASK: "Does it come with tray/caddy?"

PRODUCT OVERVIEW

The New 12 Gb SAS HUSMM32 Enterprise Performance solid-state drives (SSDs) use 3D MLC NAND flash memory technology with a 12 Gb SAS interface to provide a high-performance storage solution in either 2.5-inch or 3.5-inch drive form factor.

The 12 Gb SAS drives with 10 full drives writes per day (DWPD) are an excellent choice for applications demanding high write performance, such as High Performance Computing (HPC), High Definition Imaging and Video (HDIV), high data rate analytics and databases, large-scale virtualization, and video on demand content delivery.

Compared to the previous generation 12 Gb SAS SSDs, these new SSDs offer more than double the random IOPS performance and double the sequential throughput performance.

The 12 Gb SAS Enterprise Performance solid-state drive is shown in the following figure.

WHERE IT FITS

SFF BAY



7N47A00126

SPECIFICATIONS

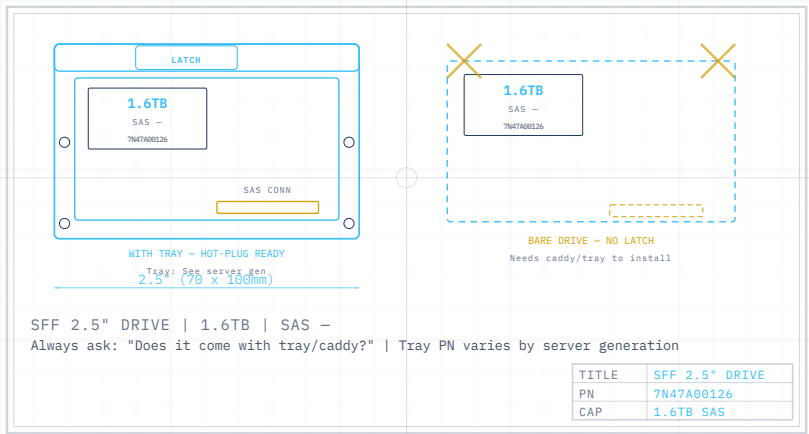
Part Number	7N47A00126
Manufacturer	Lenovo
Form Factor	SFF
Capacity	1.6TB

BROWSE LENOVO MACHINES

- ThinkSystem SR650 V1
- ThinkSystem SR650 V2
- ThinkSystem SR630 V1
- ThinkSystem SR630 V2
- System x3650 M5
- System x3550 M5
- ThinkServer RD550
- System x IBM System x3650 M4
- ThinkServer RD650
- SD530
- System x3500 M4
- ThinkServer RD350

[All Lenovo machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- SFF Form Factor
- 1.6TB 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
 1

00YK329
Compatible
PARTNER

IBM 1.6Tb SAS 12G MLC SFF Enterprise Performance
 Hitachi HUSMM32 SSD for ThinkSystem - FRU
 compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR
 1

00YK329
SUBSTITUTE

IBM 1.6Tb SAS 12G MLC SFF Enterprise Performance Hitachi HUSMM32 SSD for ThinkSystem - Option

LENOVO

FREQUENTLY ASKED QUESTIONS

What is 7N47A00126?

7N47A00126 is a Lenovo 7N47A00126 internal solid state drive 1.6 TB 2.5" SAS 3D MLC manufactured by Lenovo.

What parts can replace 7N47A00126?

There is 1 known substitute for 7N47A00126: 00YK329. 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.