

Home > [Lenovo](#) > [Server Memory \(RAM\)](#) > 1100271

1100271 – Lenovo 8GB PC3-12800E ECC-UDIMM

✓ Government record, cited

LENOVO · MEMORY · UDIMM

PRODUCT OVERVIEW

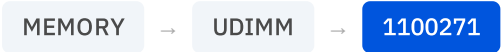
1100271: Lenovo 8GB PC3-12800E ECC-UDIMM.

Lenovo 8GB PC3-12800E ECC-UDIMM. Key specifications include Component for: PC/Server, Internal memory: 8 GB, Memory clock speed: 1600 MHz, Memory form factor: 240-pin DIMM, Internal memory type: DDR3, Memory layout (modules x size): 1 x 8 GB. This part is cataloged in the U.S.

Government catalog under NSN 6610-01-724-4750, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS



NSN: 6610-01-724-4750
FSC: 6610 — Flight Instruments
CAGE: 622B7 — LOCKHEED MARTIN CORPORATION DIV MFC (USA)

SPECIFICATIONS

Component for	PC/Server
Internal memory	8 GB
Memory clock speed	1600 MHz
Memory form factor	240-pin DIMM
Internal memory type	DDR3
Memory layout (modules x size)	1 x 8 GB
NSN	6610-01-724-4750

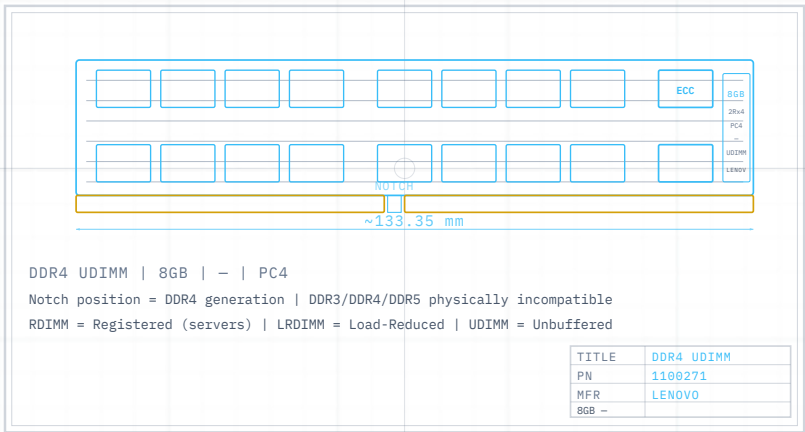
MORE FROM LENOVO

Popular Lenovo machine pages — browsing only, not a fit claim for 1100271.

- [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

- Up to 8 GB
- 8GB Capacity

TYPICAL APPLICATIONS

- Server memory expansion for virtualization workloads
- Database performance optimization (in-memory computing)
- VDI and remote desktop session hosting
- High-performance computing (HPC) clusters
- Mail server and collaboration platform scaling
- Application server tier expansion

TECHNICAL CHARACTERISTICS

SPECIAL FEATURES

ASSEMBLY INCLUDING DUAL PITOT TUBES, TUBING AND STRUCTURE TO MOUNT TO THE NOSE OF THE AIRCRAFT

PART NAME ASSIGNED BY

PITOT BULLHORN ASSEMBLY

CONTROLLING AGENCY

OTHER ITEMS IN FSC 6610 — FLIGHT INSTRUMENTS

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

6610-00-000-0122	6610-00-000-0192	6610-00-001-1406	6610-00-001-1792
6610-00-001-2506	6610-00-001-2507	6610-00-001-2508	6610-00-001-2509

SUBSTITUTES & CROSS-REFERENCES 10

03T7804SubstituteBROKER-VERIFIED

Lenovo 8GB PC3-12800E ECC-UDIMM

substitute

03T8262SubstituteBROKER-VERIFIED

Lenovo 8GB PC3-12800E ECC-UDIMM

substitute

HMT41GU7AFR8APBSubstitute

BROKER-VERIFIED

Hynix 8GB PC3-12800E ECC-UDIMM

substitute

1008797SubstituteBROKER-VERIFIED

Lenovo 8GB PC3-12800E ECC-UDIMM

substitute

M391B1G73BH0CK0Substitute

BROKER-VERIFIED

4GB DDR3 Sdram

substitute

03T7807SubstituteBROKER-VERIFIED

Lenovo 8GB PC3-12800E ECC-UDIMM

substitute

LIFECYCLE

NSN statusActive · U.S. Government catalog

No demilitarization required

THIS PART SUBSTITUTES FOR 7

03T7804SUBSTITUTE

IBM 8Gb PC3-12800E 1600Mhz ECC UB DR/SR x8 CAS-11 DIMM for ThinkServers - FRU

LENOVO

03T7807SUBSTITUTE

IBM 8Gb PC3-12800E 1600Mhz ECC UB DR/SR x8 CAS-11 DIMM for ThinkServers - FRU

LENOVO

03T8262
SUBSTITUTE

IBM 8Gb PC3-12800E 1600Mhz ECC UB DR/SR x8 CAS-11 DIMM for ThinkServers - FRU
 LENOVO

0B47378
SUBSTITUTE

IBM 8Gb PC3-12800E 1600Mhz ECC UB DR/SR x8 CAS-11 DIMM for ThinkServers - FRU
 LENOVO

0C19500
SUBSTITUTE

IBM 8Gb PC3-12800E 1600Mhz ECC UB DR/SR x8 CAS-11 DIMM for ThinkServers - FRU
 LENOVO

1008797
SUBSTITUTE

IBM 8Gb PC3-12800E 1600Mhz ECC UB DR/SR x8 CAS-11 DIMM for ThinkServers - FRU
 LENOVO

1008798
SUBSTITUTE

IBM 8Gb PC3-12800E 1600Mhz ECC UB DR/SR x8 CAS-11 DIMM for ThinkServers - FRU
 LENOVO

FREQUENTLY ASKED QUESTIONS

What is 1100271?

1100271 is a Lenovo 8GB PC3-12800E ECC-UDIMM manufactured by LENOVO. It is classified as a MEMORY (UDIMM).

What parts can replace 1100271?

There are 10 known substitutes for 1100271: 03T7804, 03T8262, HMT41GU7AFR8APB and 7 more. Substitute compatibility should be verified for your specific system.

What is the NSN for 1100271?

1100271 is cataloged in the U.S. Government catalog under NSN 6610-01-724-4750. This indicates validated use in U.S. government and defense supply chains.

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


 PartsTable Design LLC · partstable.com

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

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