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46W0791 – Memory Specs & Substitutes

Lenovo · DIMM

WHAT YOU NEED TO KNOW

2Rx4 = Dual Rank x4 chip width (standard server) RDIMM = Registered (servers) | LRDIMM = Load-Reduced (max density)

⚠ DDR3 ≠ DDR4 ≠ DDR5 — physically incompatible (notch position)

PRODUCT OVERVIEW

Memory offerings let you upgrade your system's standard memory capacity to improve overall PC system performance. Adding additional memory is a cost-effective way to help boost your system's performance and enhance its ability to run more programs simultaneously. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

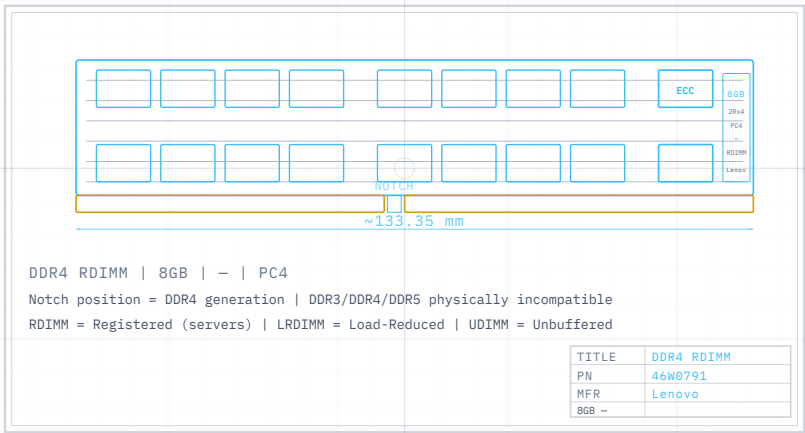
WHERE IT FITS

46W0791

SPECIFICATIONS

Part Number	46W0791
Manufacturer	Lenovo
Interface	DDR4
Capacity	8GB

COMPONENT DIAGRAM



KEY FEATURES

- **DDR4 Interface**
- **8GB Capacity**
- **DDR4 Memory**

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

SUBSTITUTES & CROSS-REFERENCES 5

- 46W0792** Compatible PARTNER

IBM 8Gb PC4-2133P-R ECC REG DR x8 CAS-15 (1x8Gb) Memory Kit for M5 - Option compatible
- 01DE965** Compatible PARTNER

IBM 8GB PC4-2133P-R ECC Reg Dr X8 Cas-15 Dimm - Fru compatible
- 01DE983** Compatible PARTNER

IBM 8Gb PC4-2133P-R ECC REG DR x8 CAS-15 (1x8Gb) Samsung Memory Kit - SBB compatible
- 46W0794** Compatible PARTNER

IBM 8GB PC4-2133P-R ECC Reg Dr X8 Cas-15 Dimm - Fru compatible

LIFECYCLE

No lifecycle data available.

47J0252
Compatible
PARTNER

IBM 8GB PC4-2133P-R ECC Reg Dr X8 Cas-15 Dimm - P/n compatible

THIS PART SUBSTITUTES FOR
 5

01DE965
SUBSTITUTE

IBM 8Gb PC4-2133P-R ECC REG DR x8 CAS-15 (1x8Gb) Memory Kit for M5 - SBB IBM

01DE983
SUBSTITUTE

IBM 8Gb PC4-2133P-R ECC REG DR x8 CAS-15 (1x8Gb) Memory Kit for M5 - SBB IBM

46W0792
SUBSTITUTE

IBM 8Gb PC4-2133P-R ECC REG DR x8 CAS-15 (1x8Gb) Memory Kit for M5 - SBB IBM

46W0794
SUBSTITUTE

IBM 8Gb PC4-2133P-R ECC REG DR x8 CAS-15 (1x8Gb) Memory Kit for M5 - SBB IBM

47J0252
SUBSTITUTE

IBM 8Gb PC4-2133P-R ECC REG DR x8 CAS-15 (1x8Gb) Memory Kit for M5 - SBB IBM

FREQUENTLY ASKED QUESTIONS

What is 46W0791?

46W0791 is a Lenovo 46W0791 memory module 8 GB DDR4 288-pin DIMM manufactured by Lenovo.

What parts can replace 46W0791?

There are 5 known substitutes for 46W0791: 46W0792, 01DE965, 01DE983 and 2 more. Substitute compatibility should be verified for your specific system.

Is 46W0791 still available?

46W0791 is currently Unknown.

✓ 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.