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# 46W0828 – 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

Lenovo 46W0828 memory module 16 GB DDR4 288-pin DIMM. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

### WHERE IT FITS

46W0828

### SPECIFICATIONS

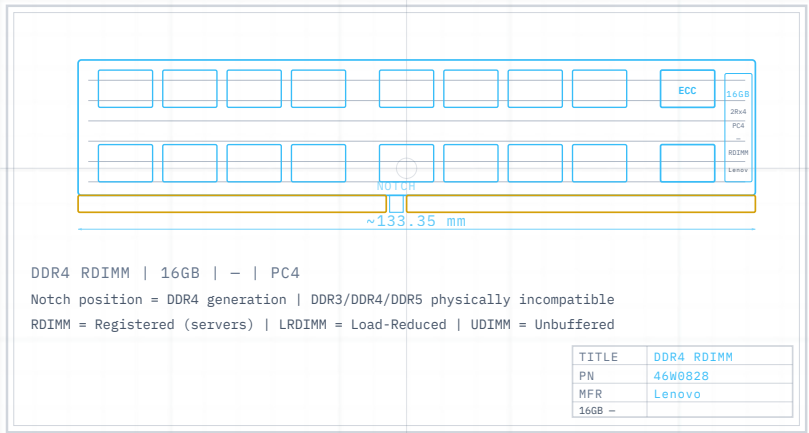
|              |         |
|--------------|---------|
| Part Number  | 46W0828 |
| Manufacturer | Lenovo  |
| Interface    | DDR4    |
| Capacity     | 16GB    |

### 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

- DDR4 Interface
- 16GB 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 4

- 46W0829** Compatible PARTNER

IBM 16Gb PC4-2400T-R ECC REG DR x4 CAS-17 (1x16Gb) Memory Kit for M5 / x3850/x3950 X6 - Option compatible
- 00NV204** Compatible PARTNER

IBM 16GB PC4-2400T-R ECC Reg Dr X4 Cas-17 Dimm - P/n compatible
- 01DE969** Compatible PARTNER

IBM 16GB PC4-2400T-R ECC Reg Dr X4 Cas-17 Dimm - Fru compatible
- 46W0831** Compatible PARTNER

LIFECYCLE

No lifecycle data available.

IBM 16GB PC4-2400T-R ECC Reg Dr X4 Cas-17 Dimm - Fru compatible

THIS PART SUBSTITUTES FOR
 

4

**00NV204**
SUBSTITUTE

IBM 16Gb PC4-2400T-R ECC REG DR x4 CAS-17 (1x16Gb) Memory Kit for M5 / x3850/x3950 X6 - SBB  
 IBM

**01DE969**
SUBSTITUTE

IBM 16Gb PC4-2400T-R ECC REG DR x4 CAS-17 (1x16Gb) Memory Kit for M5 / x3850/x3950 X6 - SBB  
 IBM

**46W0829**
SUBSTITUTE

IBM 16Gb PC4-2400T-R ECC REG DR x4 CAS-17 (1x16Gb) Memory Kit for M5 / x3850/x3950 X6 - SBB  
 IBM

**46W0831**
SUBSTITUTE

IBM 16Gb PC4-2400T-R ECC REG DR x4 CAS-17 (1x16Gb) Memory Kit for M5 / x3850/x3950 X6 - SBB  
 IBM

FREQUENTLY ASKED QUESTIONS

What is 46W0828?

46W0828 is a Lenovo 46W0828 memory module 16 GB DDR4 288-pin DIMM manufactured by Lenovo.

What parts can replace 46W0828?

There are 4 known substitutes for 46W0828: 46W0829, 00NV204, 01DE969 and 1 more. Substitute compatibility should be verified for your specific system.

Is 46W0828 still available?

46W0828 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.