



[Home](#) > [IBM](#) > 46C0596

46C0596 – Memory Specs & Substitutes

IBM · 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

IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9 DIMM - P/N. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

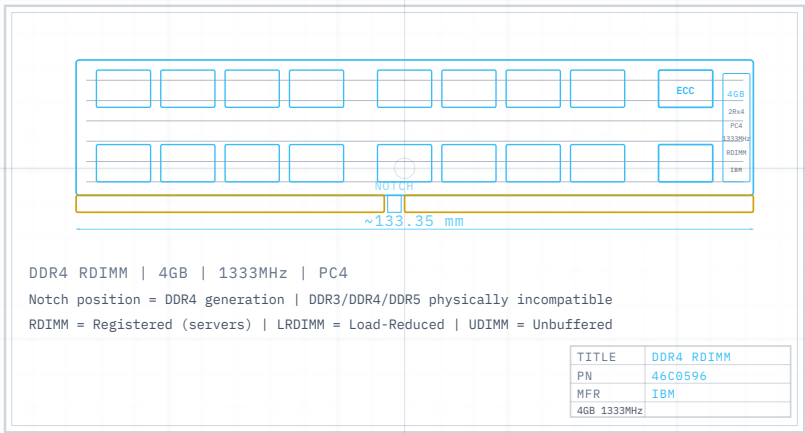
WHERE IT FITS

46C0596

SPECIFICATIONS

Part Number	46C0596
Manufacturer	IBM
Capacity	4GB
Speed	1333MHz

COMPONENT DIAGRAM



KEY FEATURES

- 4GB Capacity
- 1333MHz Speed

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

49Y1435 Compatible PARTNER
IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9 (1x4Gb) Memory Kit for M3 - Option compatible

47J0156 Compatible PARTNER
IBM 4GB Pc3-10600r 1333MHZ ECC Reg Dr X4 Cas-9 Dimm - P/n compatible

49Y1445 Compatible PARTNER
IBM 4GB Pc3-10600r 1333MHZ ECC Reg Dr X4 Cas-9 Dimm - Fru compatible

49Y3746 Compatible PARTNER
IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9 (1x4Gb) Memory Kit for M3 - Option compatible

LIFECYCLE

No lifecycle data available.

49Y3757
Compatible
PARTNER

IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9
 (1x4Gb) Memory Kit for M3 - Option
 compatible

THIS PART SUBSTITUTES FOR
 5

47J0156
SUBSTITUTE

IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9 DIMM - SBB
 IBM

49Y1435
SUBSTITUTE

IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9 DIMM - SBB
 IBM

49Y1445
SUBSTITUTE

IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9 DIMM - SBB
 IBM

49Y3746
SUBSTITUTE

IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9 DIMM - SBB
 IBM

49Y3757
SUBSTITUTE

IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9 DIMM - SBB
 IBM

FREQUENTLY ASKED QUESTIONS

What is 46C0596?

46C0596 is a IBM 4Gb PC3-10600R 1333Mhz ECC REG DR x4 CAS-9 DIMM - P/N manufactured by IBM.

What parts can replace 46C0596?

There are 5 known substitutes for 46C0596: 49Y1435, 47J0156, 49Y1445 and 2 more. Substitute compatibility should be verified for your specific system.

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


 PartsTable Design LLC · partstable.com

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