PartsTable TECHNICAL DATA SHEET

P03053-CA1 — Memory Specs & Substitutes

HPE · DIMM

WHAT YOU NEED TO KNOW

2Rx4 = Dual Rank ×4 chip width (standard server) RDIMM = Registered (servers) | LRDIMM = Load-Reduced (max density)

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

PRODUCT OVERVIEW

HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

P03053-CA1

SPECIFICATIONS

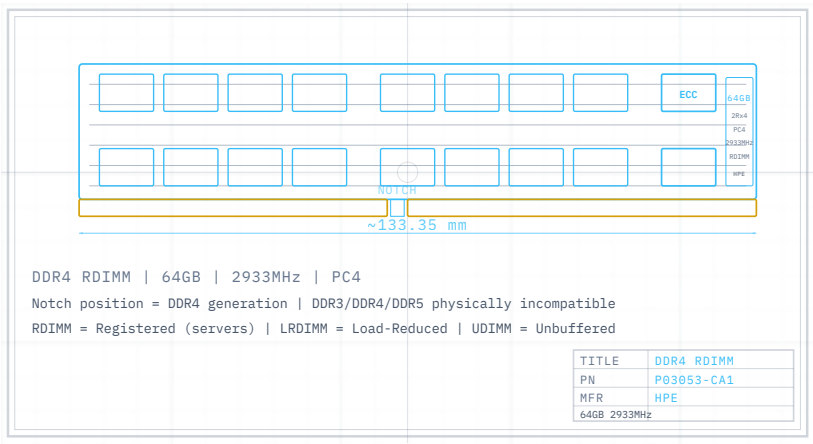
Part Number	P03053-CA1
Manufacturer	HPE
Capacity	64GB
Speed	2933MHz

BROWSE HPE MACHINES

ProLiant DL360 Gen10 · ProLiant DL380 Gen10 · ProLiant BL460c Gen10 · ProLiant DL380 Gen9 · ProLiant DL360 Gen9 · 3PAR StoreServ 8450 · ProLiant BL685c G7 · 3PAR StoreServ 8400 · 3PAR StoreServ 8440 · 3PAR StoreServ 8200 · MSA 2052 SAN Storage · ProLiant BL460c Gen9

[All HPE machines and parts]

COMPONENT DIAGRAM



KEY FEATURES

- **64GB Capacity**
- **2933MHz Speed**
- **Generation 10 Platform**

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 12

P00930-B21 Compatible PARTNER
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10
compatible

P06192-001 Compatible PARTNER
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10
compatible

5YZ57AA Compatible PARTNER
HP 64GB PC4-2933Y-R ECC Reg Dr X4 Cas-21 Dimm - Intel - WS
compatible

LIFECYCLE

No lifecycle data available.

5YZ57AT Compatible PARTNER
HP 64GB PC4-2933Y-R ECC Reg Dr X4 Cas-21 Dimm - Intel - WS
compatible

L15418-501 Compatible PARTNER
HP 64GB PC4-2933Y-R ECC Reg Dr X4 Cas-21 Dimm - Intel - WS
compatible

L59052-001 Compatible PARTNER
HP 64GB PC4-2933Y-R ECC Reg Dr X4 Cas-21 Dimm - Intel - WS
compatible

THIS PART SUBSTITUTES FOR 18

L15418-501 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

L59052-001 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

L63401-001 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P00930-B21 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P00930-H21 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P00930-K21 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P00930-X21 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P03053-0A1 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P03053-0AS SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P06192-001 SUBSTITUTE

HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P10733-B21 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P12418-001 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P14492-B21 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P14636-001 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P18453-B21 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

P28217-B21 SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

5YZ57AA SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

5YZ57AT SUBSTITUTE
HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 for Cloudline
HPE

FREQUENTLY ASKED QUESTIONS

What is P03053-CA1?

P03053-CA1 is a HP 64Gb PC4-2933Y-R ECC REG DR x4 CAS-21 DIMM - Intel - G10 manufactured by HPE.

What parts can replace P03053-CA1?

There are 12 known substitutes for P03053-CA1: P00930-B21, P06192-001, 5YZ57AA and 9 more. Substitute compatibility should be verified for your specific system.

Is P03053-CA1 still available?

P03053-CA1 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.