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46W0820 – Technical Data Sheet

IBM · COMPONENT

WHAT YOU NEED TO KNOW

Verify manufacturer and server generation compatibility Check if Option PN or Spare PN — same part, different channel

⚠ Confirm exact part number — similar PNs may be different parts

PRODUCT OVERVIEW

IBM 8Gb PC4-2400T-R ECC REG SR x4 CAS-17 (1x8Gb) Memory Kit for M5 / x3850/x3950 X6 - Option. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

46W0820

SPECIFICATIONS

Part Number	46W0820
Manufacturer	IBM
Capacity	8GB
Speed	2400MHz

BROWSE IBM MACHINES

160/320Gb Escon Tape Drive Int (Ts1130)

1600/3200Gb Lto Tape FC-8Gb Hh (Ts3100/Ts3200)

2145-Sv1 San Volume Controller

2147-Sa2 San Volume Controller

2500/6250Gb Lto Tape FC-8Gb (Ts3310)

2812 Xivg2 2Tb Data Module (Fc 1126)

2812 Xivg2 2Tb Interface Module (Fc 1125)

2812 Xivg2 2Tb Lv Cod Data Module (Fc 1117)

3.5Ghz Cpu 12C (Fc Epxh) Power8

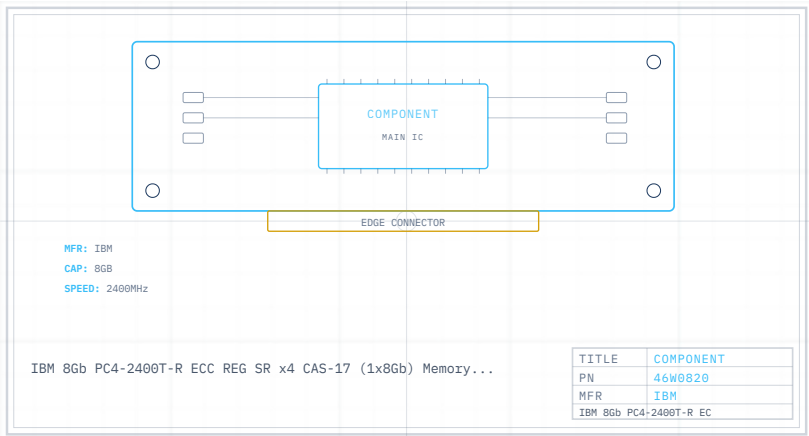
4/24-Port FC-8Gb San Switch (San06B-R)

7042 Hmc 2.4Ghz/15Mb/6C (E5-2620V3)

8247-22L (S22L) Power8

[All IBM machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- 8GB Capacity
- 2400MHz 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 3

46W0821

Compatible

PARTNER

IBM 8Gb PC4-2400T-R ECC REG SR x4 CAS-17 (1x8Gb) Memory Kit for M5 / x3850/x3950 X6 - Option compatible

00NV202

Compatible

PARTNER

IBM 8GB PC4-2400T-R ECC Reg Sr X4 Cas-17 Dimm - P/n compatible

46W0823

Compatible

PARTNER

LIFECYCLE

No lifecycle data available.

IBM 8GB PC4-2400T-R ECC Reg Sr X4 Cas-17 Dimm - Fru compatible

THIS PART SUBSTITUTES FOR

3

00NV202
SUBSTITUTE

IBM 8Gb PC4-2400T-R ECC REG SR x4 CAS-17 (1x8Gb) Memory Kit for M5 / x3850/x3950 X6 - SBB IBM

46W0821
SUBSTITUTE

IBM 8Gb PC4-2400T-R ECC REG SR x4 CAS-17 (1x8Gb) Memory Kit for M5 / x3850/x3950 X6 - SBB IBM

46W0823
SUBSTITUTE

IBM 8Gb PC4-2400T-R ECC REG SR x4 CAS-17 (1x8Gb) Memory Kit for M5 / x3850/x3950 X6 - SBB IBM

FREQUENTLY ASKED QUESTIONS

What is 46W0820?

46W0820 is a IBM 8Gb PC4-2400T-R ECC REG SR x4 CAS-17 (1x8Gb) Memory Kit for M5 / x3850/x3950 X6 - Option manufactured by IBM.

What parts can replace 46W0820?

There are 3 known substitutes for 46W0820: 46W0821, 00NV202, 46W0823. Substitute compatibility should be verified for your specific system.

Is 46W0820 still available?

46W0820 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.