



[Home](#) › [HPE](#) › [RAID & Storage Controllers](#) › **830824-B21**

830824-B21 – HP Smart Array P408i-P Sr G10 2GB Cache RAID Controller

HP · CONTROLLER · RAID_CACHE

PRODUCT OVERVIEW

HP SMART ARRAY P408I-P SR G10 2GB CACHE RAID CONTROLLER

830824-B21 is HP Smart Array P408i-P Sr G10 2GB Cache RAID Controller.

The HP 830824-B21 is a Battery-Backed Write Cache pack, designed for HPE Smart Array controllers in ProLiant Gen8 and Gen9 servers. It provides backup power to the BBWC module during unexpected power loss, ensuring cached write data is safely committed to flash memory. This is a high-volume replacement part in TPM market as ProLiant Gen8 and Gen9 servers remain widely deployed.

WHERE IT FITS

CONTROLLER →

RAID_CACHE →

830824-B21

SPECIFICATIONS

Part Number 830824-B21

Manufacturer HP

Capacity 2GB

MORE FROM HPE

Popular HPE machine pages — browsing only, not a fit claim for 830824-B21.

[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](#)

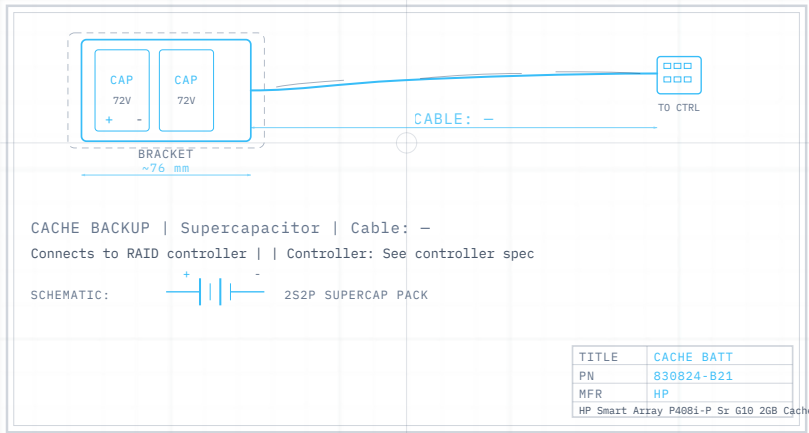
[3PAR StoreServ 8200](#)

[MSA 2052 SAN Storage](#)

[ProLiant BL460c Gen9](#)

[All HPE machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- **Battery-Backed Write Cache Module**
- **Rechargeable Battery Technology**
Provides cache backup power for 48+ hours after power loss
- **Hot-Plug Capable**

TYPICAL APPLICATIONS

- Hardware RAID acceleration for enterprise storage
- Data protection and parity management
- Cache-backed write acceleration
- Storage tiering and SSD caching

SUBSTITUTES & CROSS-REFERENCES 1

836269001 Substitute BROKER-VERIFIED
HP Smart Array P408i-P Sr G10 2GB Cache RAID Controller substitute

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR 1

836269-001 SUBSTITUTE
HP Smart Array P408i-p SR/2Gb FBWC 12G 2-Port Int Controller for G10 HPE

FREQUENTLY ASKED QUESTIONS

What is 830824-B21?
830824-B21 is a HP Smart Array P408i-P Sr G10 2GB Cache RAID Controller manufactured by HP. It is classified as a CONTROLLER (RAID_CACHE).

What parts can replace 830824-B21?

There is 1 known substitute for 830824-B21: 836269001. Substitute compatibility should be verified for your specific system.

✓ 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.