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81Y4508 – Storage Datasheet

✓ Government record, cited

IBM · CONTROLLER · RAID_HBA

WHAT YOU NEED TO KNOW

RAID HBAs — always confirm bracket height (full or half). Ship unlocked with test reports.

Our edge: we can verify specific firmware versions.

⚠ Firmware must match server

PRODUCT OVERVIEW

IBM SERVERRAID 5100 BATTERY KIT

IBM SERVERRAID 5100 BATTERY KIT. Key specifications include PART NAME ASSIGNED BY CONTROLLING AGENCY: IBM SERVERAID M5100 SERIES BATTERY KIT FOR SYSTEM. This part is cataloged in the U.S.

Government catalog under NSN 6140-01-656-8587, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

CONTROLLER → RAID_HBA →

81Y4508

NSN: 6140-01-656-8587

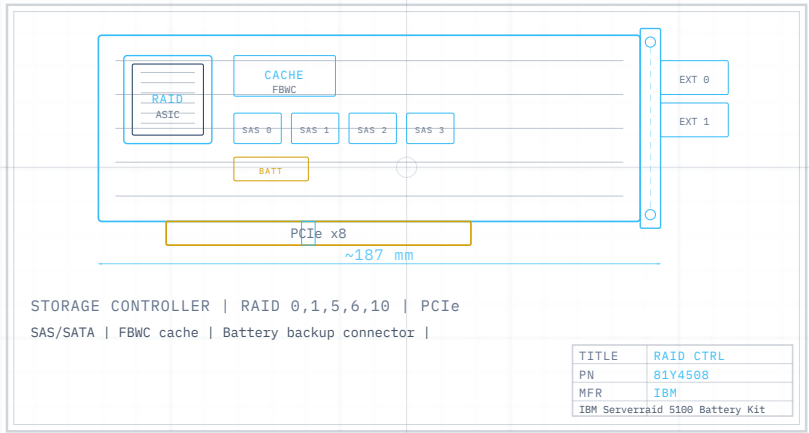
FSC: 6140 — Batteries, Rechargeable

CAGE: 3SYJ2 — IBM WORLD TRADE CORPORATION DBA IBM (USA)

SPECIFICATIONS

PART NAME ASSIGNED BY CONTROLLING AGENCY	IBM SERVERAID M5100 SERIES BATTERY KIT FOR SYSTEM
NSN	6140-01-656-8587

COMPONENT DIAGRAM



TYPICAL APPLICATIONS

- RAID cache protection during power loss events
- Write-back cache enablement for storage controllers
- Enterprise server data integrity assurance
- Hot-swap battery/capacitor replacement in production

TECHNICAL CHARACTERISTICS

PART NAME ASSIGNED BY CONTROLLING AGENCY
 IBM SERVERAID M5100 SERIES BATTERY KIT FOR SYSTEM

OTHER ITEMS IN FSC 6140 — BATTERIES, RECHARGEABLE

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

6140-00-000-5725	6140-00-001-1544	6140-00-001-4187	6140-00-001-5391
6140-00-001-5392	6140-00-003-0528	6140-00-003-5310	6140-00-003-7222

SUBSTITUTES & CROSS-REFERENCES
3

00Y3656
Compatible
PARTNER

IBM ServeRAID M5100 Series Battery Kit for System x - Option

LIFECYCLE

NSN status
 Active
U.S. Government catalog

No demilitarization required

compatible

81Y4491
Compatible
PARTNER

IBM ServeRAID M5100 Series Battery Kit for System x - FRU

compatible

81Y4588
Compatible
PARTNER

IBM ServeRAID M5100 Series Battery Kit for System x - SBB

compatible

THIS PART SUBSTITUTES FOR
 3

00Y3656
SUBSTITUTE

IBM ServeRAID M5100 Series Battery Kit for System x - Option IBM

81Y4491
SUBSTITUTE

IBM ServeRAID M5100 Series Battery Kit for System x - Option IBM

81Y4588
SUBSTITUTE

IBM ServeRAID M5100 Series Battery Kit for System x - Option IBM

FREQUENTLY ASKED QUESTIONS

What is 81Y4508?

81Y4508 is a IBM Serverraid 5100 Battery Kit manufactured by IBM. It is classified as a CONTROLLER (RAID_HBA).

What parts can replace 81Y4508?

There are 3 known substitutes for 81Y4508: 00Y3656, 81Y4491, 81Y4588. Substitute compatibility should be verified for your specific system.

What is the NSN for 81Y4508?

81Y4508 is cataloged in the U.S. Government catalog under NSN 6140-01-656-8587. This indicates validated use in U.S. government and defense supply chains.

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


 PartsTable Design LLC · partstable.com

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

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