



**Material efficiency Requirements:  
Disassembly for repair or reuse purposes  
Weight range of specified critical raw materials**

**IBM product POWER9 MTM: 9223-22S**

Product information for return and recycling can be found at:

- [Product recycling programs](#)

Complete product information for repair or reuse of components can be found on the IBM Knowledge Center web site at:

- [Installing, removing and replacing customer-installable parts](#)

Examples of System documentation includes (each is a hotlink to the document):

- [Adapters](#)  
Learn how to install, remove, and replace adapters.
- [Cables](#)  
Use the following procedures to install, remove, and replace cables in your systems.
- [Control panel](#)  
Learn how to remove and replace the control panel (operator panel) in the server.
- [Disk drives or solid-state drives](#)  
Learn how to install, remove, and replace a disk drive or solid-state drive.
- [Drive backplane](#)  
Learn how to remove and replace a drive backplane.
- [External DVD drive](#)  
Learn how to install, remove, and replace an external DVD drive.
- [Fans](#)  
Learn how to remove and replace the system fans.
- [Memory modules](#)  
Learn how to install, remove, and replace memory modules in a server.
- [NVMe U.2 drives](#)  
Learn how to install, remove, and replace the NVMe U.2 drives.
- [NVMe U.2 pass-thru cards](#)  
Learn how to install, remove, and replace the NVMe U.2 pass-thru cards.
- [PCIe3 x8 SAS RAID and cache SAS RAID internal adapters](#)  
Learn how to install, remove, and replace the PCIe3 x8 SAS RAID and cache SAS RAID internal adapters.

- **Power supplies**  
Learn how to install, remove, and replace a power supply in a server.
- **Racks and rack features**  
Learn how to install racks. Also, detailed procedures are provided for installing rack features, systems, and expansion units into a rack.
- **RDX docking stations**  
Learn how to install, remove, and replace RDX docking stations.
- **Service processor card**  
Learn how to remove and replace the service processor card.
- **System processor module**  
Learn how to remove and replace the system processor module.
- **Time-of-day battery**  
Learn how to remove and replace the time-of-day battery.
- **Trusted platform module**  
Learn how to remove and replace the trusted platform module.
- **Common procedures for installable features**  
This section contains all the common procedures related to installing, removing and replacing features.

Cobalt in batteries	Less than 5 grams	5 grams to 25 grams	Above 25 grams
None reported	None reported	None reported	None reported
Neodymium in Hard Disk Drives	Less than 5 grams	5 grams to 25 grams	Above 25 grams
	X		

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