Hardware Information

RAID disk controller cache battery pack

ESCALA POWER5

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RAID disk controller cache battery pack

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Replacing this feature is a customer task. You can perform this task yourself, or contact an authorized service provider to perform the task for you. You might be charged a fee by the authorized service provider for this service.

To complete the procedures for the adapters, you will also need to use removal and replacement procedures for PCI adapters. To use this information in printed form, be sure to print the PCI adapter information PDF, see PCI adapters.

Select the appropriate instructions from the following topics.

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Replacing the cache battery pack on the 571B, 1913, or 5737

The following procedure describes how to replace a cache battery pack on these products:

- 571B PCI-X DDR dual channel Ultra320 SCSI RAID adapter
- 1913 PCI-X DDR dual channel Ultra320 SCSI RAID adapter
- 5737 PCI-X DDR dual channel Ultra320 SCSI RAID adapter

Replacing this feature is a customer task. You can perform this task yourself, or contact an authorized service provider to perform the task for you. You might be charged a fee by the authorized service provider for this service.

Important: Removing the cache battery with the system/partition already in a powered-off state may result in the loss of customer data. If the system has been powered off *prior* to the battery service action, you *must* IPL to DST and continue this procedure *before* replacing the battery.

For information about replacing the 571B, 1913, or 5737 cache battery pack on an AIX system or partition, see SCSI adapters in the ESCALA Power5 Hardware Information, and refer to *PCI-X SCSI RAID Controller Reference Guide for AIX.*

For information about replacing the 571B, 1913, or 5737 cache battery pack on a Linux system or partition, see SCSI adapters in the ESCALA Power5 Hardware Information, and refer to *PCI-X SCSI RAID Controller Reference Guide for Linux.*

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Replacing the cache battery pack on the 573D, 1907, or 5727

The following procedure describes how to replace a cache battery pack on the 573D, 1907, or 5727 ULTRA320 SCSI RAID enablement adapter. Replacing this feature is a customer task. You can perform this task yourself, or contact an authorized service provider to perform the task for you. You might be charged a fee by the authorized service provider for this service.

Important: Removing the cache battery with the system/partition already in a powered-off state might result in the loss of customer data. If the system has been powered off *prior* to the battery service action, you *must* IPL to DST and continue this procedure *before* replacing the battery.

For information about replacing the 573D, 1907, or 5727 cache battery pack on an AIX system or partition, see SCSI adapters in the ESCALA Power5 Hardware Information, and refer to *PCI-X SCSI RAID Controller Reference Guide for AIX.*

For information about replacing the 573D, 1907, or 5727 cache battery pack on a Linux system or partition, see SCSI adapters in the ESCALA Power5 Hardware Information, and refer to *PCI-X SCSI RAID Controller Reference Guide for Linux.*

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Replacing the cache battery pack on the 2757

This procedure describes how to replace the cache battery pack on the 2757 PCI-X Ultra RAID controller. Replacing this feature is a customer task. You can perform this task yourself, or contact an authorized service provider to perform the task for you. You might be charged a fee by the authorized service provider for this service.

Important: Removing the cache battery with the system/partition already in a powered-off state may result in the loss of customer data. If the system has been powered off *prior* to the battery service action, you *must* IPL to DST and continue this procedure *before* replacing the battery.

To complete the procedures for replacing the cache battery pack on the 2757, you will also need to use removal and replacement procedures for PCI adapters. To use this information in printed form, print the PCI adapter information PDF. See PCI adapters.

Replacing the cache battery pack on the 0649, 571E, 574F, 2780, 5582, 5583, 5708, 5738, or 5777

The following procedure describes how to replace a cache battery pack on these products:

- 0649 PCI-XDDR quad channel Ultra 320 SCSI RAID adapter
- 571E PCI-XDDR quad channel Ultra 320 SCSI RAID adapter
- 574F auxiliary-write cache IOA
- 2780 PCI-X Ultra4 RAID disk controller
- 5582 disk controller with auxiliary-write cache
- 5583 disk controller with auxiliary-write cache
- 5708 auxiliary-write cache IOA
- 5738 PCI-X quad channel Ultra 320 SCSI RAID adapter
- 5777 PCI-X quad channel Ultra 320 SCSI RAID adapter

Replacing this feature is a customer task. You can perform this task yourself, or contact an authorized service provider to perform the task for you. You might be charged a fee by the authorized service provider for this service.

Important: Removing the cache battery with the system or partition already in a powered-off state might result in the loss of customer data. If the system has been powered off *prior* to the battery service action, you *must* IPL to DST and continue this procedure *before* replacing the battery.

Note: The 574F, 5582, 5583, or the 5708 *are not* supported in AIX or Linux.

Note: The 0649 is not supported by i5/OS.

For information about replacing the 0649, 2780, 571E, or the 5738 on an AIX system or partition, see SCSI adapters in the ESCALA Power5 Hardware Information, and refer to *PCI-X SCSI RAID Controller Reference Guide for AIX*.

For information about replacing the 2780 , 571E, or the 5738 on a Linux system or partition, see SCSI adapters in the ESCALA Power5 Hardware Information, and refer to *PCI-X SCSI RAID Controller Reference Guide for Linux*.

Note: To complete these procedures, *do not* power off the adapter or power off the system/partition. The cache battery on these adapters is designed to be replaced concurrently.

Replacing the cache battery pack on the 571F, 575B, 5739, or 5778

The following procedure describes how to replace a cache battery pack on these products:

- 571F PCI-XDDR double wide quad channel Ultra 320 SCSI RAID adapter with auxiliary write cache
- 575B auxiliary-write cache IOA
- 5739 PCI-XDDR double wide quad channel Ultra 320 SCSI RAID adapter with auxiliary write cache
- 5778 PCI-XDDR double wide quad channel Ultra 320 SCSI RAID adapter with auxiliary write cache

Note: The cache battery for both the 571F adapter and the 575B adapter is contained in the single battery FRU that is physically located on the 575B auxiliary write cache adapter. The functions of Forcing the battery pack into an error state and Starting IOA cache on either adapter in the card set will result in the same functions automatically being performed on the other adapter in the card set.

Replacing this feature is a customer task. You can perform this task yourself, or contact an authorized service provider to perform the task for you. You might be charged a fee by the authorized service provider for this service.

Important: Removing the cache battery with the system/partition already in a powered-off state might result in the loss of customer data. If the system has been powered off *prior* to the battery service action, you *must* IPL to DST and continue this procedure *before* replacing the battery.

For information about replacing the 571F, 575B, 5739, or the 5778 cache battery pack on an AIX system or partition, see SCSI adapters in the ESCALA Power5 Hardware Information, and refer to *PCI-X SCSI RAID Controller Reference Guide for AIX*.

For information about replacing the 571F, 575B, 5739, the 5778 cache battery pack on a Linux system or partition, see SCSI adapters in the ESCALA Power5 Hardware Information, and refer to *PCI-X SCSI RAID Controller Reference Guide for Linux*.

Note: To complete these procedures, *do not* power off the adapter or power off the system or partition. The cache battery on these adapters is designed to be replaced concurrently.

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