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Location of I/O Assemblies

<table>
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<tr>
<th>System</th>
<th>Slot Numbers</th>
<th>Slot Location</th>
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<tbody>
<tr>
<td>Sun Fire 6800 System</td>
<td>IB6, IB7, IB8, and IB9</td>
<td>Rear</td>
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<tr>
<td>Sun Fire 4810 System</td>
<td>IB6, IB8</td>
<td>Front</td>
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<tr>
<td>Sun Fire 4800 System</td>
<td>IB6, IB8</td>
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When you install PCI I/O assemblies into the Sun Fire™ 6800 system, you can install them in either the top or bottom I/O locations, IB6–IB9.

Populate the I/O assemblies from right to left. That is, populate I/O locations IB6 and IB8 before you populate the left I/O locations, IB7 and IB9.

Installing a PCI I/O Assembly

**Note** – The PCI I/O assembly can be inserted into a powered-on system. The assembly will not be recognized by the system until the domain has been re-initialized and rebooted. Refer to the Sun Fire 6800/4810/4800/3800 Systems Platform Administration Manual for complete procedures for initializing a domain.

1. Attach a wrist strap or foot strap, and connect the ESD strap to the system. Place a grounded ESD mat close to the system.

2. Remove the filler panel from the front of the I/O assembly location and store it for possible future use.

**Caution** – DO NOT FORCE any assembly into a slot; this can cause damage to the assembly and system. The assembly should insert and seat smoothly. If it binds, remove the assembly and inspect the card cage slot for any obvious obstructions.

3. Line up the I/O assembly with the I/O assembly opening.

4. Insert the assembly into the card cage opening.

   The ejector levers should be on the inside of the I/O assembly and in the open position.

5. Simultaneously press the two ejector levers inward.

6. Tighten the four captive screws.

7. Power on the assembly.

   Refer to the Sun Fire 6800/4810/4800/3800 Systems Platform Administration Manual for complete procedures for powering on the assembly.

8. Initialize the domain.

   Refer to the Sun Fire 6800/4810/4800/3800 Systems Platform Administration Manual for complete procedures for initializing a domain.

Removing a PCI I/O Assembly

**Caution** – If the system is to be powered on, you must install a filler panel, which covers only the front of the assembly slot. Make sure ALL slots in the I/O assemblies are filled—by PCI cards OR filler boards.

1. Prepare the system for removal of the PCI I/O assembly.

   Refer to the Sun Fire 6800/4810/4800/3800 Systems Platform Administration Manual for complete procedures for powering off the assembly.

2. Attach a wrist strap or foot strap. Connect the ESD strap to the system. Place a grounded ESD mat close to the system.

3. Loosen the four captive screws.

4. Simultaneously pull the two ejector levers outward to unseat the I/O assembly.

   This action releases the board from the connectors.

5. Remove the assembly from the card cage.

6. Place the assembly on the ESD mat on a work surface.

7. Install a filler panel.