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Macintosh 5400 & 6400: PCI Expansion Slot (11/96)

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TOPIC -----

What type of expansion slots do the Power Macintosh 5400 and 6400; Macintosh Performa 6400 series; and Macintosh Performa 6360/160 computers have? Are the slots an LC-PDS compatible slot similar to those found in the Power Macintosh 5200 and 5300 series computers?

DISCUSSION -----

The I/O expansion slots in the Power Macintosh 5400 and 6400; Macintosh Performa 6400 series; and Macintosh Performa 6360/160 computers are PCI (peripheral component interconnect) expansion slots and are not compatible with LC-PDS expansion cards, such as those compatible with the Macintosh LC family of computers, the Macintosh 630 series, or with cards that operate in the I/O expansion slot in Power Macintosh 5200, 5300, 6200, and 6300 series computers.

The Power Macintosh 5400 series and the Macintosh Performa 6360/160 computer have one PCI expansion slot whereas the Macintosh Performa and Power Macintosh 6400 series have two PCI expansion slots. These computers accept standard 7-inch (6.88-inch) PCI cards as defined by the PCI Local Bus Specification, Revision 2.0. The PCI bus is a 32-bit multiplexed address and data bus, and does not support the optional 64-bit bus extension signals or cache support signal. The PCI expansion slot has a 33.33 MHz system clock.

A total of 15 watts of power is provided for the PCI expansion slot. Both 5 volts and 3.3 volts are supplied; the total power consumed by both voltages must not exceed the 15-watts maximum.

To install a PCI card into Power Macintosh 5400 and 6400; Macintosh Performa 6400 series; and Macintosh Performa 6360/160 computers, you need to install a right angle PCI adapter into the PCI expansion slot on the logic board. This adapter is included with these computers and replacement adapters are available from Apple-authorized Service Providers.

The following computers are in the corresponding Macintosh families:

- Macintosh 5200CD family: Macintosh 5200/75 LC, Performa 5200, Performa 5210, Performa 5215, and Performa 5220.
- Macintosh 5300CD family: Macintosh 5300/100 LC, Performa 5300.
- Macintosh 6200CD family: Performa 6200, Performa 6214, Performa 6216, Performa 6218, Performa 6220, and Performa 6230.
- Macintosh 6300CD family: Performa 6300, Performa 6290

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