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Power Macintosh: PCI Card Power Requirements (6/96)

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TOPIC -----

I am adding PCI cards to my Power Macintosh computer and would like to know how many I can add and what the power requirements are for the PCI slots.

DISCUSSION -----

The Power Macintosh 7200, 7500 and 8500 computers have three expansion slots, which use the industry standard Peripheral Component Interface (PCI) bus. These computers provide a total of 50 watts of power for the three expansion slots. Both 5 volts and 3.3 V are supplied; the total power at both voltages must not exceed the 50 W maximum.

The Power Macintosh 9500 has six PCI slots supported by two Bandit custom ICs: one for PCI slots 1-3 and the other for PCI slots 4-6. The computer provides a total of 90 W of power for the six expansion slots. Both 5 V and 3.3 V are supplied; the total power at both voltages must not exceed the 90-W maximum.

The Power Macintosh 7200, 7500, 8500 and 9500 computers accept standard PCI cards as defined by the PCI Local Bus Specification, Revision 2.0. The cards are required to use the 5 V signaling standard and to use the standard ISA fence described in this specification.

Article Change History:

03 Jun 1996 - Modified to better facilitate searching.

05 Jan 1996 - Corrected minor typo.

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