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Performa 600: Difference Between Accelerator and NuBus Slots

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TOPIC -----

What is the difference between the Accelerator and NuBus Slots in the Performa 600?

DISCUSSION -----

NuBus Slots

The NuBus slots of the Performa 600 are designed to accommodate networking, video, and other expansion cards. Expansion cards in NuBus slots are restricted to run at the clock speed of the NuBus, which is 10 MHz.

Accelerator Slot

The Accelerator slot of the Performa 600 is a 120-pin slot that is designed to accommodate a CPU accelerator card. The slot is directly connected to the microprocessor and doesn't have any restrictions on its clock speed. An accelerator card, which functionally replaces the microprocessor, must be able to run at high speed and cannot run in a NuBus slot, which is restricted to 10 MHz.

Note that the Performa 600's Accelerator slot signals are a subset of the Macintosh IIci cache connector slot. Processor address, data and some control signals are provided, but cache control signals are NOT provided. Cache cards, such as the Macintosh IIci cache card, will not work in the Performa 600's Accelerator slot.

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