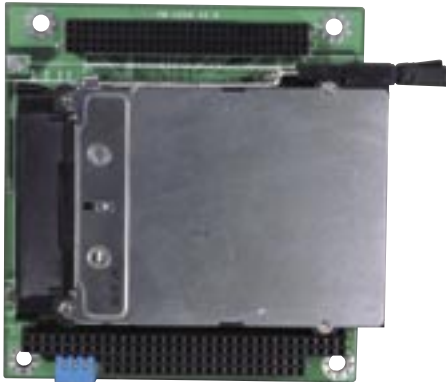


PM-1054A PM-1038

PC/104 Plus Two Slot Card Bus
PCMCIA Module

2-slot PCMCIA Module

PC/104 Products



PM-1054A

PC/104 Products



PM-1038

SPECIFICATIONS

- ◆ Chipset: RICOH R5C478 Card Bus controller
- ◆ Data Bus: 32-Bit, 33MHz (133MB/s), DMA bus master (Compliant with PCI 2.1)
- ◆ PC Card 95/97/98 32-bit CardBus compatible
- ◆ Supports Plug & Play auto-detected & configuration
- ◆ Driver support: Windows 98/ME/NT/2000
- ◆ Accepts PCMCIA Type I/II/III
- ◆ 2xPCMCIA slots

CardBus

In early 1995, PCMCIA introduced the 32-bit CardBus standard. Although electrically different, the CardBus is architecturally identical to the PCI bus. The CardBus supports bus mastering and accommodates cards operating at different voltages. Its advanced power management features allows the computer to take advantage of CardBus cards designed to idle or turn off in order to increase battery life. The CardBus specification allows data transfer up to 132 Mbytes/sec over a 33MHz, 32-bit data path.

PCMCIA Key Features:

- ◆ Hot swap capability for Type I, II & III cards
- ◆ Designed and developed for embedded systems

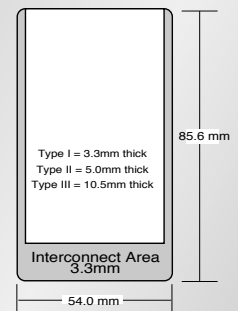
SPECIFICATIONS

- ◆ Complies with PCMCIA2.1 and JEIDA4.2 standard
- ◆ Accepts TypeI/II/III PCMCIA cards
- ◆ 16-bit data bus
- ◆ Easy host interface using ISA I/O addresses 3E0h,3E1h
- ◆ Programmable IRQs to level mode or edge trigger mode
- ◆ PCMCIA-AT-A Disk interface support
- ◆ DMA mode support

PCMCIA

The most cost-effective system board with full function included is the motherboard that usually be taken as the general-purpose usage. However, there are issues while considering with legacy applications such as multi serial communication port and ISA bus, due to that kind of communication interface has gradually replaced by higher performance transmission interface. In addition, the life cycles of the retail motherboard are usually no longer than one year and without version updating service. That will be limited some of the legacy application requirements especially on industrial territory.

There are more choices today. Combing with the system board of commercial new technical advantages and industrial high reliability characteristics. IEI is launching the industrial motherboard with guarantee 5 years long term support and version updating control. Maximum six serial communications with ISA interface are suitable for traditional appliances especially on factory automation.



ORDERING INFORMATION

- **PM-1054** PC/104 Plus card bus PCMCIA module (Supports IEI products only)
- **PM-1054A** PC/104 Plus card bus PCMCIA with PC/104 (ISA Bus) connector module (Meets PC/104 Plus standard specification for general appliances)

ORDERING INFORMATION

- **PM-1038** 2-slot PCMCIA Module