

PMC232 PCMCIA/Card Bus Host Bus Adapter



A highly configurable PMC/PCMCIA HBA, the PMC232 integrates PC-Cardbus devices using a PMC form factor with a range of mechanical configurations. As with the PMC230, the PMC232 offers PCMCIA expansion for single board computers or other processor boards supporting PMC connectivity. In addition, card edge PCI systems can be accommodated using GE Fanuc Embedded Systems PMC239 adapter, for rapid prototype and development.

The PMC232 has three configuration options:

PMC232EX: external connector for two type I/II or one type III PCMCIA cards

- A flat cable (up to 18" long) connects an external box that contains the PCMCIA sockets to the PMC232 base board; ideal for situations which need to have the VME/CompactPCI chassis enclosed but require data update or transfer.

PMC232FP: one type I/II with front panel access

- This configuration allows full access to the PCMCIA slot for card insertion or removal.

PMC232RG: one type I/II recessed

- With a recessed PCMCIA socket and solid front panel this configuration is ideal for applications which do not desire dynamic interchange of PC cards.

Software support

GE Fanuc Embedded Systems provides full software support for all popular software environments (e.g. VxWorks, LynxOS, Windows NT, Linux, etc.). Each driver has been developed specifically for the real time data acquisition market. A software license is included with each PCMCIA card purchased.

The PMC232 is a low cost solution for integrating the wide range of I/O options available in PCMCIA form factor to meet a variety of system requirements. By providing an integrated solution of PMC adapter, PCMCIA card and software driver, GE Fanuc Embedded Systems offers unique assurance of ongoing compatibility. This is of critical importance when working with PCMCIA devices. The PMC232 HBA supports PCMCIA revision 2.1, and PC Cardbus capability.

PMC232 PCMCIA/Card Bus Host Bus Adapter

Power	0.5 Total Watts
@ 3.3 V	0.14 Amps
@ 5 V	0.01 Amps
Form Factor	
PMC	Single Slot
MTBF	
MIL 217-F Nav Shel 25 Deg. C	362000 Hours
Temperature	
Operating	0 to +60° C
Storage	-40 to +85° C
Humidity	
Operating	5% to 95% Non-Condensing
Storage	5% to 95% Non-Condensing

Conformal Coating Yes, additional charge

PCMCIA HBA

Access	Recessed or Front Panel
No. Cards Supported	(1) Type I or Type II

PCI Bus Characteristics

Signaling	3 & 5V
Specification	2.2
Speed	33MHz
Width	32



GE Fanuc Automation

GE Fanuc Automation Information Centers

USA and the Americas 1-800-648-2001 or (434) 978-5100

Europe and Middle East (352) 727979-1

Asia Pacific 86-21-3222-4555

GE Fanuc Automation Americas, Inc.
RAMiX, Inc.
1672 Donlon Street
Ventura, CA 93003
Phone: (805) 650-2111
Fax: (805) 650-2110

Additional Resources

For detailed technical specifications and product ordering information, please visit the GE Fanuc e-catalog at:

www.gefanuc.com