

# Extension Modules: PMC Bus

## PMC-3534/G PMC 4-port RS-232 Serial Communications Modules ••



PMC-3534G

### Specifications

Form Factor	Single size PMC, 74.0 x 149.0 mm(WxD)
PCI Bus	32-bit/33 MHz
V(I/O)	3.3 V or 5 V Universal V(I/O)
Serial Communications Controller	16C554
Connector	SCSI 36 female front bezel
Max. System Throughput	115.2 Kx4
Point of Access in GEME System	PMC-3534: Side access
OS Driver Support	Windows 9x/ME/NT/2K/XP/XPe/CE.NET, Linux (kernel 2.4.18)

### Ordering Information

PMC-3534	32-bit/33 MHz PMC 4-port RS-232 serial comm. module
PMC-3534G	32-bit/33 MHz PMC 4-port RS-232 serial comm. module with panel for GEME series

## PMC-3544/G PMC 4-port RS-422/RS-485 Serial Communications Modules ••



PMC-3544G

### Specifications

Form Factor	Single size PMC, 74.0 x 149.0 mm (WxD)
PCI Bus	32-bit/33 MHz
V(I/O)	3.3 V or 5 V Universal V(I/O)
Serial Communications Controller	16C554
Connector	SCSI 36 female front bezel
Max. System Throughput	115.2 Kx4
Point of Access in GEME System	PMC-3544: Side access
OS Driver Support	Windows 9x/ME/NT/2K/XP/XPe/CE.NET, Linux (kernel 2.4.18)

### Ordering Information

PMC-3544	32-bit/33 MHz PMC 4-port RS-422/RS-485 serial comm. module
PMC-3544G	32-bit/33 MHz PMC 4-port RS-422/RS-485 serial comm. module with panel for GEME series

## PMC-RTV21/G 4-CH Video Capture Board for NTSC/PAL Cameras ••



PMC-RTV21



### Specifications

Bus Interface	32-bit, 33 MHz PMC Bus
Acquisition Speed	PMC-RTV21/G: Up to 30 frames per second
Channel Input	Up to 4 channels composite video input
Camera Support	Color: PAL / NTSC Monochrome: CCIR / EIA
GPIO	On-board TTL I/O lines
Utility	ViewCreator
Point of Access in GEME System	PMC-RTV-21: side access
OS Driver Support	Windows 9x/ME/NT/2K/XP/CE.NET, Linux (kernel 2.4.18)
Recommended Platforms	Windows 9x/ME/NT/2K/XP/XPe/CE.NET, Linux (kernel 2.4.18)

### Ordering Information

PMC-RTV21	PMC 4-CH video frame grabber
PMC-RTV21G	PMC 4-CH video frame grabber with panel for GEME series

# Extension Modules: PMC Bus

## PMC-RTV24/G

4-CH Video Capture Board for NTSC/PAL Cameras ❖



### Ordering Information

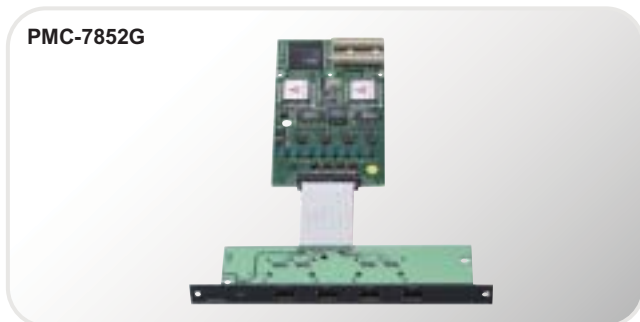
PMC-RTV24	PMC 4-CH real-time frame grabber
PMC-RTV24G	PMC 4-CH real-time frame grabber with panel for GEME series

### Specifications

Bus Interface	32-bit, 33 MHz PMC Bus
Acquisition Speed	PMC-RTV24/G: Up to 120 frames per second
Channel Input	Up to 4 channels composite video input
Camera Support	Color: PAL / NTSC Monochrome: CCIR / EIA
GPIO	On-board TTL I/O lines
Utility	ViewCreator
Point of Access in	PMC-RTV24: side access
GEME System	PMC-RTV24G: front access
OS Driver Support	Windows 9x/ME/NT/2K/XP/CE.NET, Linux (kernel 2.4.18)
Recommended Platforms	Windows 9x/ME/NT/2K/XP/XPe/CE.NET, Linux (kernel 2.4.18)

## PMC-7852/G

PMC High Speed Link Master Controller Interface Modules ❖



### Ordering Information

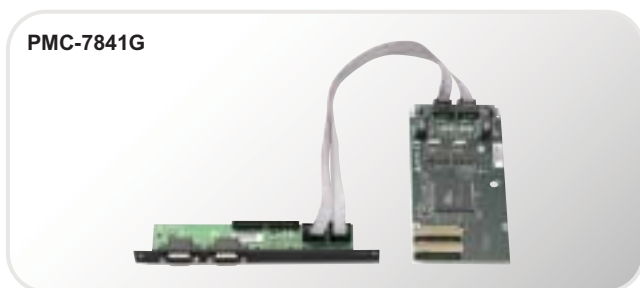
PMC-7852	High Speed Link master controller interface card (not compatible with the GEME-2000/3000 series)
PMC-7852G	High Speed Link master controller interface card with panel for GEME series

### Specifications

Form Factor	Single size PMC, 74.0 x 149.0 mm(WxD)
PCI Bus	32-bit/33 MHz
V(I/O)	3.3 V or 5 V Universal V(I/O)
Transfer Speed	6 Mbps (default) up to 12 Mbps
Max. Communications Distance	200 meters for each port under 6 Mbps
Max. Controllable Points	2016 input and 2016 outputs
Transfer Mode	Half/Full Duplex
I/O Scan Time	About 1ms for scanning 1000 points (6 Mbps)
Connector	RJ-45 phone jack connector
Timer Interrupt	Yes
Point of Access in	PMC-7852: Side access
GEME System	PMC-7852G: Front access (4 RJ-45 connectors)
OS Driver Support	Windows 9x/ME/NT/2K/XP/XPe/CE.NET, Linux (kernel 2.4.18)

## PMC-7841/G

PMC 2-CH CAN Bus Communication Modules ❖



### Ordering Information

PMC-7841	PMC 2-CH CAN bus communication module
PMC-7841G	PMC 2-CH CAN bus communication module with panel for GEME series.

### Specifications

Form Factor	74.0*149.0 mm (WxD)
PCI Bus	32-bit/33 MHz
V(I/O)	3.3 V or 5 v Universal V(I/O)
CAN specification	CAN 2.0 parts A and B
Transfer Speed	Up to 1Mbps programmable transfer rate
Isolation protection	2500 Vrms isolation protection
Point of Access in	PMC-7841:Side access
GEME System	PMC-7841G:Front access (2 DB9 male connectors)
OS Driver Support	Windows 2K/XP/XPe

1  
GEME

2  
Motion Control

3  
Machine Vision

4  
High Speed Link

5  
Communications

6  
Industrial Computers

7  
CompactPCI Products

8  
NuDAM

9  
Software