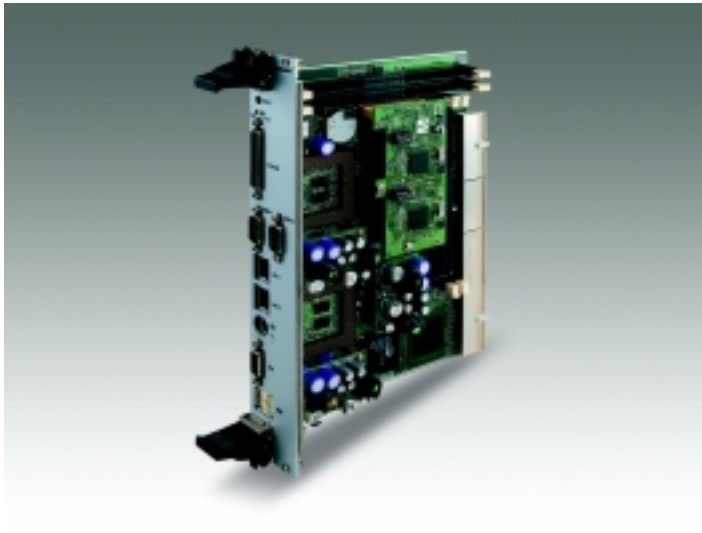


MIC-3385

6U CompactPCI® Dual Socket 370 Pentium® III Processor Rambus Board with VGA/Dual LAN



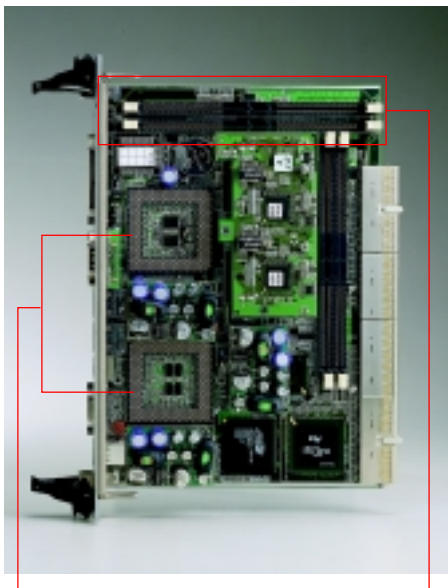
Features

- Socket 370 dual Intel® Pentium III processors
- Intel 840 chipset
- Up to 2 GB RDRAM for dual Rambus channels
- 64-bit/66 MHz CompactPCI bus
- Dual 10/100 Mbps LAN ports

Introduction

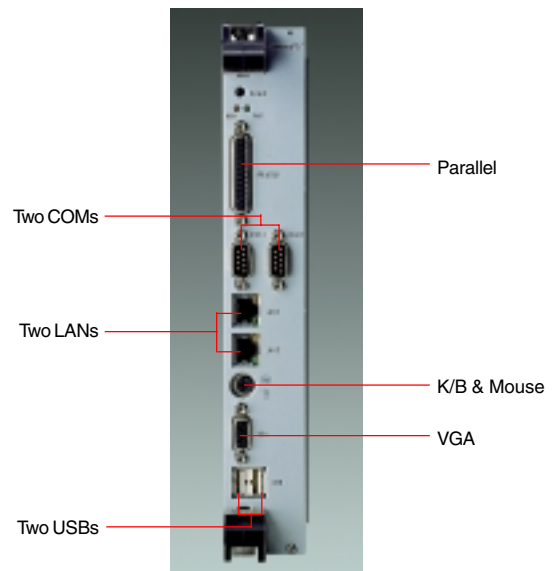
The MIC-3385 is a 6U-high CompactPCI master CPU board. Targeting performance-demanding applications such as telecom, Internet and industrial control, the MIC-3385 features dual Intel Pentium III processors

up to 1 GHz, Intel 840 chipset, exceptional 64-bit CompactPCI bus, as well as high-speed Rambus channels.



Socket 370 can be configured with dual or single Intel Pentium processors

Dual Rambus channels



On-board I/O of front panel

CE FCC

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• All specifications are subject to change without notice

Date of Publication: 2003-01-20

Specifications

Processor System	CPU	Intel Pentium III x2	
	Max. Speed	1 GHz (100 MHz FSB)	933 MHz (133 MHz FSB)
	L2 Cache	256 KB	
	Chipset	Intel 840	
	BIOS	Award 4 Mb Flash	
Bus	Front Side Bus	133/100 MHz	
	PCI	32-bit/33 MHz, 64-bit/66 MHz	
	PCI-to-PCI Bridge	Intel 21154 (drives up to 7 PCI masters)	
Memory	Technology	RDRAM	
	Max. Capacity	2 GB	
	Socket	184-pin RIMM x2	
Graphic	Controller	ATI RAGE Mobility-M3	
	VRAM	8 MB SGRAM	
Ethernet	Interface	10/100Base-TX	
	Controller	Intel 82559 x2	
	Connector	RJ-45 x2	
EIDE	Mode	ATA 66/33	
	Channel	2 (Max. 4 devices)	
Front I/O Interface	LAN	2	
	USB	2 (USB 1.0 compliant)	
	Serial	2 (RS-232, 16C550 compatible)	
	PS/2	1	
	VGA	1	
	Parallel	1	
Operating System	Compatibility	Windows 2000/NT 4.0/XP, Red Hat Linux 7.0, Sun Solaris 8	
Watchdog Timer	Output	System reset	
	Interval	Programmable, 1 ~ 63 sec.	
Power Requirement	Typical (Pentium III, 1 GHz)	+3.3 V	+5 V
		2.82 A	12.14 A
Environment	Temperature	Operating	Non-Operating
		0 ~ 50 °C (32 ~ 122 °F)	-40 ~ 60 °C (-40 ~ 140 °F)
	Humidity	--	95 % @ 60 °C, non-condensing
	Vibration (5-500 Hz)	1.0 Grms	2.0 G
Physical	Dimensions (W x D)	233.35 x 160 mm (9.2" x 6.3"), 2-slot width	
	Weight	0.9 Kg (1.98 lb)	
Compliance	Standard	PICMG® 2.0, R3.0 CompactPCI Specification	

- CompactPCI Enclosures 1
- CompactPCI Boards 2
- CompactPCI Peripherals 3
- Blade Servers 4
- Network Appliances 5
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- Storage Subsystems 7
- Industrial Computer Chassis 8
- Full-sized CPU Cards 9
- Industrial Computer Peripherals 10

Recommended Configurations

CPU Board	PMC Module	Rear I/O Board	Enclosure
MIC-3385-A	--	RIO-3301-A, RIO-3302-A	MIC-3036, MIC-3056, MIC-3038, MIC-3033, MIC-3032

Rear Transition Board

Part Number	Rear Panel I/O						On-board Header						Slot Width	
	Keyboard	Mouse	COM	USB	LAN	VGA	COM	SCSI	IDE**		FDD	CF Socket		2.5" HDD Carrier
									40-pin	44-pin				
RIO-3301-A	1	1	1	--	--	--	1	--	2	1	1	1	Optional	1
RIO-3302-A	1	1	2	1	2	1	--	--	2	1	1	1	Optional	1
RIO-3302S-A	1	1	2	1	2	1	--	1*	2	1	1	1	Optional	1

* SCSI chipset (Adaptec 7892) on board.

** The 40-pin and 44-pin connectors share the same channel; user can only use either one of two connectors.

Ordering Information

Part Number	VGA	COM	LAN	PRT	KB & Mouse	USB	Slot Width
MIC-3385-A	1	2	2	1	1	2	2