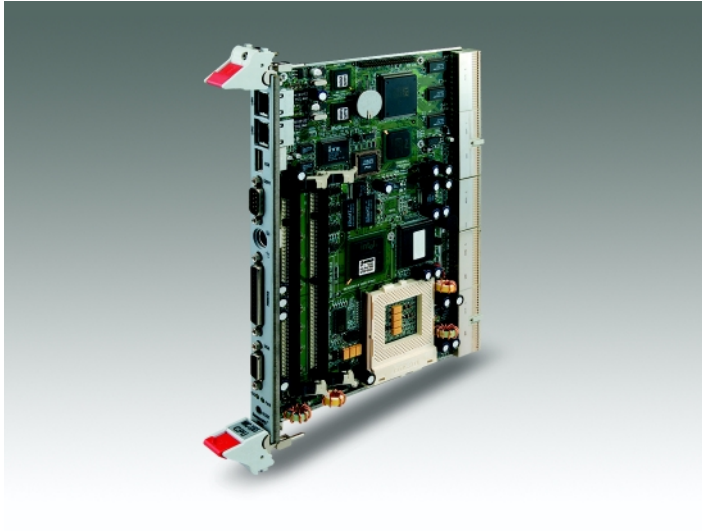


MIC-3365

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



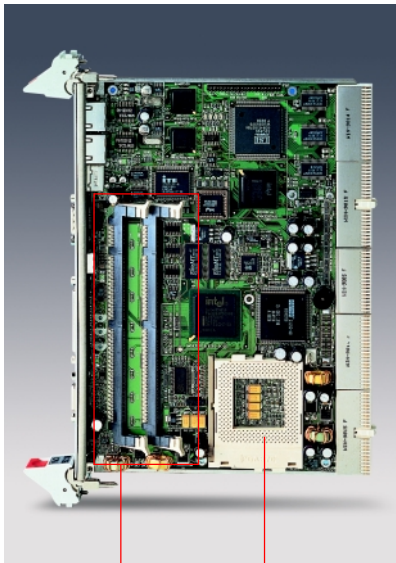
Features

- Socket 370 Intel® Pentium® III/Celeron® processor
- Intel 810 chipset
- Up to 512 MB SDRAM memory
- HDD and FDD on board capacity (2-slot width)
- Dual 10/100 Mbps LAN ports

Introduction

The MIC-3365 is a 6U-high CompactPCI master CPU board. Designed for socket 370 Pentium III/Celeron processors, it is a cost-effective solution for performance demanding applications. The MIC-3365 has many

functions on a single board within a single-slot width, saving valuable CompactPCI slots for peripheral cards.

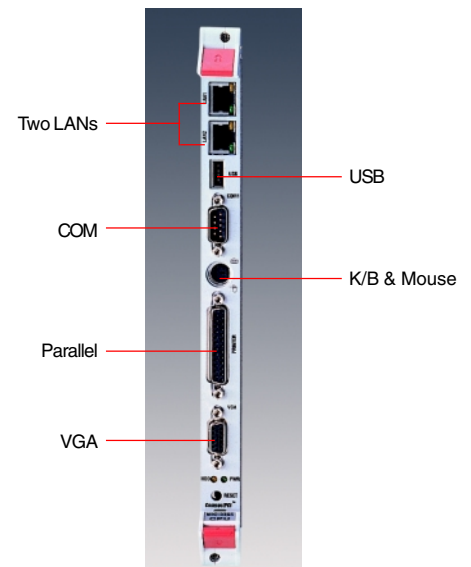


Sockets for SDRAM, up to 512 MB SDRAM memory

Top-performance socket 370 Pentium III/Celeron CPU



Supports on-board FDD and HDD of MIC-3365F



On-board I/O of front panel

CE FCC

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• All specifications are subject to change without notice

Date of Publication: 2003-07-14

Specifications

Processor System	CPU	Intel Pentium III	Intel Celeron
	Max. Speed	850 MHz (100 MHz FSB)	500 MHz (66 MHz FSB)
	L2 Cache	256 KB	128 KB
	Chipset	Intel 810-DC100	
	BIOS	Award 4 Mb Flash	
Bus	Front Side Bus	66/100 MHz	
	PCI	32-bit/33 MHz	
	PCI-to-PCI Bridge	Up to 2 Intel 21150 compatible (drives up to 14 PCI masters)	
Memory	Technology	PC-100 SDRAM	
	Max. Capacity	512 MB	
	Socket	168-pin DIMM x2	
Graphic	Controller	VGA display built in Intel 810 chipset	
	Display Cache	4 MB SDRAM	
Ethernet	Interface	10/100Base-TX	
	Controller	Intel 82559 x2	
	Connector	RJ-45 x2	
SCSI	Interface	Ultra2 SCSI LVD	
	Controller	Symbios SYM53C895	
	Max. Data Transfer Rate	80 MB/sec.	
	Channel	1	
EIDE	Mode	ATA 66/33	
	Channel	2 (Max. 4 devices)	
Front I/O Interface	LAN	2	
	USB	1 (USB 1.0 compliant)	
	Serial	1 (up to 2, RS-232, 16C550 compatible)	
	PS/2	1	
	Parallel	1	
	VGA	1	
Operating System	Compatibility	Windows 2000/NT 4.0/XP, Red Hat Linux 6.2, Sun Solaris 8	
Watchdog Timer	Output	System reset	
	Interval	Programmable, 1 ~ 63 sec.	
Power Requirement	Intel Celeron, 500 MHz	+5 V @ 5.98 A	
	Intel Pentium III, 850 MHz	+5 V @ 5.54 A	
Environment	Temperature	Operating 0 ~ 50 °C (32 ~ 122 °F)	Non-Operating -40 ~ 60 °C (-40 ~ 140 °F)
	Humidity	--	95 % @ 60 °C, non-condensing
	Vibration (5-500 Hz)	1.0 Grms	2.0 G
	Dimensions (W x D)	233.35 x 160 mm (9.2" x 6.3"), 1-slot width (MIC-3365F: 2-slot width)	
Physical	Weight	1.0 Kg (2.20 lb)	
	Compliance	Standard PICMG® 2.0, R2.1 CompactPCI Specification	

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Recommended Configurations

CPU Board	PMC Module	Rear I/O Board	Enclosure
MIC-3365-A	--	RIO-3301-A, MIC-3302-A, MIC-3302F-A	MIC-3035, MIC-3037, MIC-3039, MIC-3056, MIC-3041, MIC-3038, MIC-3033, MIC-3032
MIC-3365F-A	--	RIO-3301-A, MIC-3302-A, MIC-3302F-A	MIC-3035, MIC-3037, MIC-3039, MIC-3056, MIC-3041, MIC-3038, MIC-3033, MIC-3032
MIC-3365D-A	--	RIO-3301-A	MIC-3031

Rear Transition Board

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

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

Ordering Information

Part Number	SCSI	COM	USB	PCI-to-PCI Bridge	HDD & FDD Supported	Slot Width
MIC-3365-A	Yes	1	1	1	--	1
MIC-3365F-A	Yes	2	1	1	Yes	2
MIC-3365D-A*	--	1	1	2	--	1

* MIC-3365D only can be used with RIO-3301 in MIC-3031/14-12R enclosure