

MIC-3389

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



Features

- Supports single/dual Intel® Pentium® III processors, up to 1 GHz
- ServerWorks® ServerSet III LE chipset
- Up to 2 GB PC-133 registered SDRAM with ECC
- 64-bit/66 MHz CompactPCI bus
- On-board VGA with 8 MB SGRAM
- Dual 10/100 Mbps LAN ports

CE FCC

Introduction

The MIC-3389 is a powerful, all-in-one master CPU board that packs extensive features in a compact 6U-high, 2-slot wide package. It is an ideal computing solution for today's flexible and scalable computer telephony integration (CTI) industry supporting demanding applications such as VoIP servers, ACDs, UnPBX, fax-on-demand, video-on-demand, and more without compromising performance.

Specifications

Processor System	CPU (CPU not included)	Intel Pentium III x2
	Max. Speed	1 GHz (133 MHz FSB)
	L2 Cache	256 KB
	Chipset	ServerWorks ServerSet III LE
	BIOS	Award 2 Mbit Flash
Bus	Front Side Bus	133/100 MHz
	PCI	32-bit/33 MHz, 64-bit/66 MHz
Memory	Technology	PC-133 registered SDRAM with ECC support
	Max. Capacity	2 GB
	Socket	168-pin DIMM x2
Graphic	Controller	ATI RAGE XL
	VRAM	8 MB SGRAM
Ethernet	Interface	10/100Base-TX
	Controller	Intel 82559 x2
	Connector	RJ-45 x2
EIDE	Mode	ATA 33
	Channel	2 (Max. 4 devices)
PCI-to-PCI Bridge	Controller	Intel 21154
	System Bus	64-bit/66 MHz
Front I/O Interface	LAN	2
	USB	2 (USB 1.0 compliant)
	Serial	2 (RS-232, 16C550 compatible)
	PS/2	1
	VGA	1
Operating System	Compatibility	Windows 2000/NT 4.0/XP, Red Hat Linux 9
Hardware Monitor	Controller	Winbond W83782D
	Monitor	CPU temperature, 3.3 V/5 V/12 V, fan
Watchdog Timer	Output	Interrupt, system reset, NMI
	Interval	Programmable, 1 ~ 63 sec.

Specifications Cont.

Power Requirement (Intel Pentium III 1 GHz)	Maximum	+3.3 V	+5 V	+12 V
		1.8 mA	10 A	240 mA
Environment		Operating		Non-Operating
	Temperature	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 Characteristics	Dimensions (W x D)	233.35 x 160 mm (9.2" x 6.3"), 2-slot width		
	Weight	0.8 Kg (1.76 lb)		
Compliance	Standard	PICMG® 2.0, R3.0 CompactPCI Specification		

Recommended Configurations

CPU Board	PMC Module	Rear I/O Board	Enclosure
MIC-3389	-	RIO-3301-A, RIO-3302-A, RIO-3302S-A	MIC-3036-A/S2, MIC-3056A/B, MIC-3038A/B, MIC-3041A MIC-3081A/B

Rear Transition Board

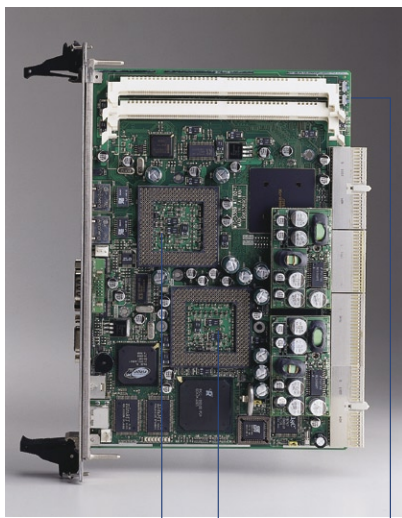
Part Number	Rear Panel I/O							On-board Header					Slot Width
	Keyboard	Mouse	COM	USB	LAN	VGA	SCSI	IDE**		FDD	CF Socket	2.5" HDD Carrier	
								40-pin	44-pin				
RIO-3302-A	1	1	2	1	2	1	-	2	1	1	1	Optional	1
RIO-3302S-A	1	1	2	1	2	1	1*	2	1	1	1	Optional	1

* SCSI chipset (Adaptec AIC-7892) on board.

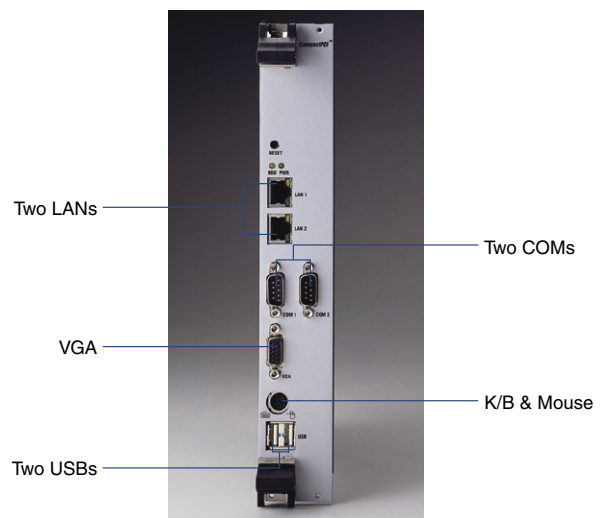
** The 40-pin and 44-pin connectors share the same channel; user can only user must choose only one of two connectors.

Ordering Information

Part Number	VGA	COM	LAN	KB & Mouse	USB	Slot Width
MIC-3389-A	1	2	2	1	2	2



Supports two processors
Up to 2 GB registered SDRAM with ECC support



On-board I/Os of front panel

- 1 Industrial Motherboards
- 2 Industrial Motherboard Chassis
- 3 PICMG Single Board Computers
- 4 Industrial Computer Chassis
- 5 Industrial Computer Peripherals
- 6 6U CompactPCI Enclosures
- 7 6U CompactPCI Boards
- 8 6U CompactPCI I/O
- 9 6U CompactPCI Accessories
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- 11 Internet Security Platforms
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