

MIC-3389

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



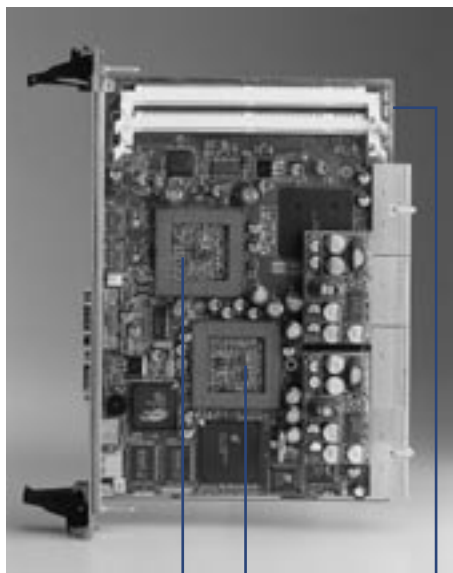
Features

- 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

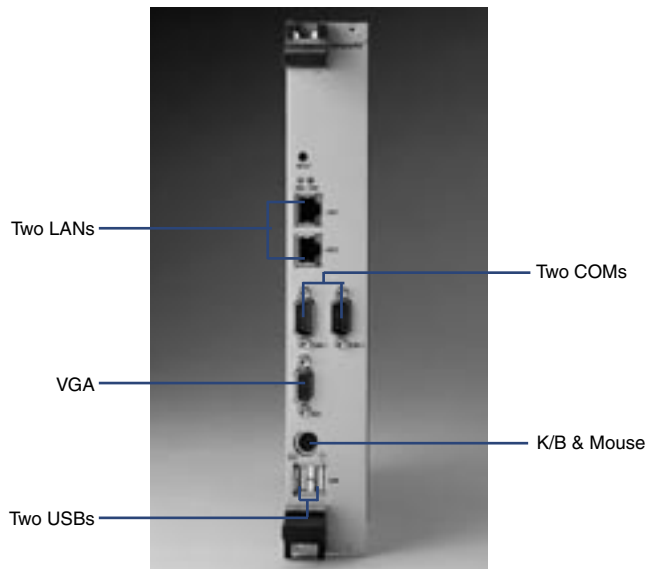
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Introduction

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.



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



On-board I/Os of front panel

Specifications

Processor System	CPU	Intel Pentium III x2		
	Max. Speed	1 GHz (133 MHz FSB)		
	L2 Cache	256 KB		
	Chipset	ServerWorks ServerSet III LE		
Bus	BIOS	Award 2 Mb Flash		
	Front Side Bus	133/100 MHz		
Memory	PCI	32-bit/33 MHz, 64-bit/66 MHz		
	Technology	PC-133 registered SDRAM with ECC support		
	Max. Capacity	2 GB		
Graphic	Socket	168-pin DIMM x2		
	Controller	ATI RAGE XL		
Ethernet	VRAM	8 MB SGRAM		
	Interface	10/100Base-TX		
	Controller	Intel 82559 x2		
EIDE	Connector	RJ-45 x2		
	Mode	ATA 33		
PCI-to-PCI Bridge	Channel	2 (Max. 4 devices)		
	Controller	Intel 21154		
Front I/O Interface	System Bus	64-bit/66 MHz		
	LAN	2		
	USB	2 (USB 1.0 compliant)		
	Serial	2 (RS-232, 16C550 compatible)		
	PS/2	1		
Operating System	VGA	1		
Hardware Monitor	Compatibility	Windows 2000/NT 4.0/XP, Red Hat Linux 7.0, Sun Solaris 8		
	Controller	Winbond W83782D		
Watchdog Timer	Monitor	CPU temperature, 3.3 V/5 V/12 V, fan		
	Output	System reset		
Power Requirement (Intel Pentium III 1 GHz)	Interval	Programmable, 1 ~ 63 sec.		
	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	--		
	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	0.8 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, MIC-3056, MIC-3041, MIC-3038A/B, MIC-3081

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 AIC-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	KB & Mouse	USB	Slot Width
MIC-3389-A	1	2	2	1	2	2