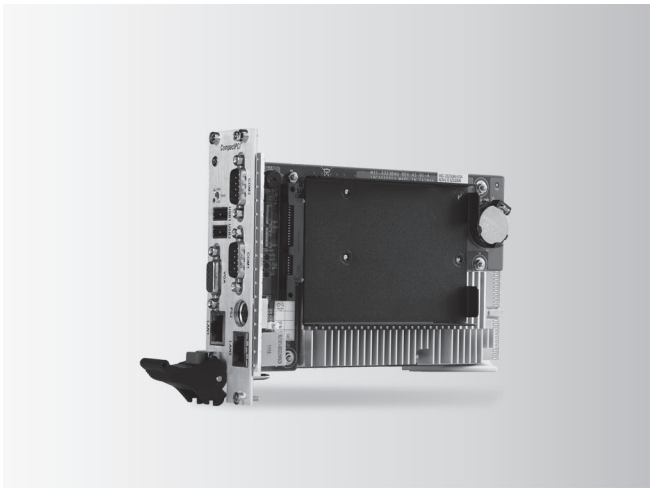
MIC-3323

3U CompactPCI® Intel Core® 2 Duo 1.66GHz / Atom™ D510 1.66GHz Controller



Features

- Supports two different CPU types
  - Intel® Core® 2 Duo or Atom™ D510 Processor
  - Intel® GME965 GMCH /ICH8M
- Supports up to 4GB DDR2 533/667 MHz SDRAM
- Dual Giga LAN ports
- High-performance Intel 965GME Graphics Media Acclerator
- Internal CompactFlash Slot or Supports SATA 2.5" HDD
- Supports Rear I/O Connections

Introduction

The MIC-3323 is a 3U CompactPCI® system control board, which support two different CPU grade, one adapts high performations Intel® Core® 2 Duo1.6GHz processor and highly integrated Intel® 965GM Express chipset, and the other one adapts Intel® Atom™ Processor D510 1.66GHZ and ICH8M chipset. In addition to 4MB L2 Cache, it supports 2GB DDR2 SDRAM up to 4GB and dual Gigabit Ethernet.

The MIC-3323 is a powerful 3U CompactPCI Controller that fulfills your requirements in mission critical applications, such as military defense, transportation, traffic control, test and measurement (T&M) as well as critical data acquisition & control application.

Specifications

CPU		Intel® Core® 2 Duo 1.6GHZ/Atom™ D510 1.66 GHZ (Note 1)
L2 Cache		4 MB L2 Cache/1MB L2Cache
Chipset		Intel® 965GM GMCH/ICH8M
BIOS		AWARD™ 4 Mbit /AMI 16Mbit Flash BIOS
BUS	Front Side Bus	533MHZ (Intel® Core® 2 Duo 1.6GHz CPU)
		533MHZ (Intel®Atom™ D510 1.66 GHZ CPU)
	PCI Bus	PCI-PCI bridge PERICOM PI7C8150
		7 x 32bit/33MHz Compact PCI bus master interface
		3.3V VIO
Memory		SDRAM, DDR2 533/667 MHz Support 2G (Note 2)
		Socket: 2 x 200-pin SODIMM sockets
Graphics		Chipset: Intergated Intel 965GME Chipset/Intel Atom D510
		Resolution: Up to 1920 x 1080
Ethernet		Interface: 1000/100/10M Base-TX Gigabit Ethernet
		Controller: PCI-Expressx1 Intel@82574L Ethernet Controller
		Connector: RJ-45 x 2
		Optional Front End or Rear End Ethernet (Selected with Switch)
Serial		Interface: RS-232
		UART: 3 x 16C550 compatible
		Data bits: 5,6,7,8
		Stop Bits: 1,1.5,2
		Parity: None, Even, Odd
		Speed: 50~115.2Kbps
		Data Signal: TXD, RXD, RTS, CTS, DTR, DSR, DCD, RI GND
		Connector: 3 X DB-9 (Two in Front Panel and one in Real I/O)
SATA		1 x SATA interface, data transfer rate up to 300MB/S(Note 3)
USB		4 x USB 1.1 channels up to 480Mbps, 2 as front I/O, 2 as rear I/O (doesn't support USB 2.0)
PS/2		Used for Keyboard and mouse
Watchdog Timer		256 levels timer interval, from 0 to 255 sec or min setup by software, jumper less selection, generates system reset

Hot-swap	Supports for all signal to allow peripheral boards to be Hot swapped
Compliance	PICMG®2.0 Rev.3.0 Compatible
	Compact PCI Hot-swap PICMG® 2.1 Rev.2.0
Environment	Humidity: 5~95% (non-condensing)
	Working Temp: 0 ~ 50°C
	Storage Temp: -40°C~80°C
Physical	Dimensions (W X H): 160 X 100mm (3U)
	Weight: 0.8Kg
Front panel Function(8HP) (MIC-3323)	COM1/3: 2X DB9, RS-232
	PS/2: 1 for Keyboard and Mouse
	Ethernet: 2 x RJ-45 connectors with LEDs
	VGA: 1 x 15 pin D-SUB connector
	USB: 2 x USB1.1, 4 pin Connector
	Button: Reset Button
	LED: Power, HDD
Rear I/O Panel Function (8HP)	COM2: 1 x DB9,RS-232
	PS/2: 1 for keyboard and Mouse (Shared with Front PS2)
	Ethernet: 2 x RJ-45 connectors with LED (Shared with Front I/O, selected with switch)
	VGA: 1 x 15 pin D-SUB connectors (shared fornt VGA)
	USB: 2 x USB2.0,4 pin connector
Note 1: Select different CPU grade by order number Note 2: Supports 2GB, up to 4GB Note 3: Support SATA or CF Card by order number	

Ordering Information

- **MIC-3323D01-D23E** 3U CompactPCI® Intel® Core® 2 Duo 1.6GHz Controller with SATA HDD/8HP
- **MIC-3323D01-A33E** 3U CompactPCI® Intel® Atom D510 1.66G Controller with SATA HDD/8HP

All product specifications are subject to change without notice

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