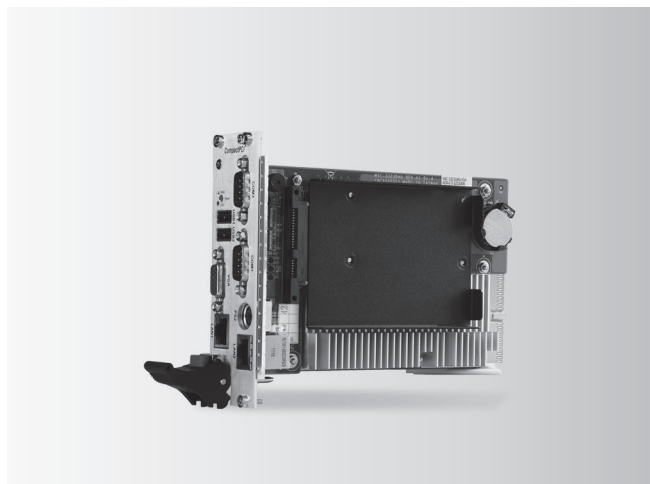


# MIC-3323

## 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 Accelerator
- 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 performances Intel® Core® 2 Duo 1.66GHz 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

<b>CPU</b>	Intel® Core® 2 Duo 1.66GHz/Atom™ D510 1.66 GHz (Note 1)
<b>L2 Cache</b>	4 MB L2 Cache/1MB L2Cache
<b>Chipset</b>	Intel® 965GM GMCH/ICH8M
<b>BIOS</b>	AWARD™ 4 Mbit /AMI 16Mbit Flash BIOS
<b>BUS</b>	Front 533MHZ (Intel® Core® 2 Duo 1.66GHz CPU)
	Side Bus 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
<b>Memory</b>	SDRAM, DDR2 533/667 MHz Support 2G (Note 2) Socket: 2 x 200-pin SODIMM sockets
<b>Graphics</b>	Chipset: Intergated Intel 965GME Chipset/Intel Atom D510 Resolution: Up to 1920 x 1080
<b>Ethernet</b>	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)
	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 Rear I/O)
<b>SATA</b>	1 x SATA interface, data transfer rate up to 300MB/S( Note 3)
<b>USB</b>	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)
<b>PS/2</b>	Used for Keyboard and mouse
<b>Watchdog Timer</b>	256 levels timer interval, from 0 to 255 sec or min setup by software, jumper less selection, generates system reset

<b>Hot-swap</b>	Supports for all signal to allow peripheral boards to be Hot swapped
<b>Compliance</b>	PICMG®2.0 Rev.3.0 Compatible Compact PCI Hot-swap PICMG® 2.1 Rev.2.0
	Humidity: 5~95% (non-condensing ) Working Temp: 0 ~ 50°C Storage Temp: -40°C~80°C
<b>Physical</b>	Dimensions (W X H): 160 X 100mm (3U) Weight: 0.8Kg
<b>Front panel Function(8HP) (MIC-3323)</b>	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
	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 front 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 1.66GHz Controller with SATA HDD/8HP
- **MIC-3323D01-A33E** 3U CompactPCI® Intel® Atom D510 1.66G Controller with SATA HDD/8HP