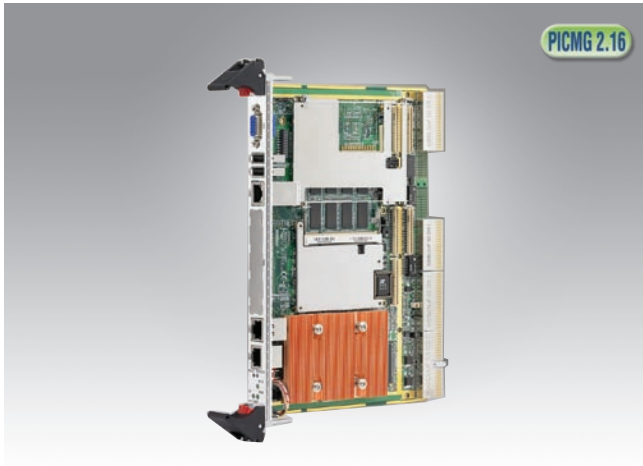


MIC-3392L

6U CompactPCI Intel® Celeron® M Processor Blade



Features

- Supports Intel® Celeron® M 440 processor
- Intel® 945GME chipset supports 533/667 MHz FSB
- Up to 2 GB (DDR2 533/667) memory with SODIMM expansion
- Comprehensive I/O capability, dual Gigabit Ethernet, SATA, CompactFlash
- One 64-bit/66 MHz PMC expansion slot
- PICMG 2.16, R1.0 Packet Switching Backplane Specification compliant
- PICMG 2.9, R1.0 IPMI Specification compliant
- PICMG 2.1, R2.0 Hot-Swap Specification compliant
- Selectable System/Peripheral mode

Introduction

The MIC-3392L is a full featured, but cost optimized CompactPCI CPU card ideally suited for cost sensitive control plane applications.

It is built on Advantech's proven MIC-3392 core design using Intel's 945 chipset for supporting high speed DDR2 onboard / pluggable memory, integrated graphics and standard I/Os such as onboard CompactFlash and 2.5" SATA HDDs. Dual GbE front ports and PICMG2.16 support give it the right connectivity for Computer Telephony, IPTV, Satellite and High Performance applications such as radar, imaging, instrumentation, communications, telephony and industrial control. Additional flexibility is achieved through the onboard PMC socket, which can host additional Ethernet ports using Advantech's MIC-3665 PMC or other I/Os based on third party PMCs. A choice of Advantech's rear transition modules complements the MIC-3392L to provide additional connectivity and I/O.

Specifications

| | | |
|------------------|------------------|---|
| Processor System | CPU (Included) | Intel® Celeron® M 440 Processor, 1.86 GHz, 1 MB L2 cache |
| | Chipset | Intel 945GME/ICH7M |
| | BIOS | AMI 8 Mbit flash |
| Bus | Front Side Bus | 533 MHz |
| | PCI | Up to 64-bit/66 MHz |
| Memory | Technology | DDR2 533/667 MHz |
| | Max. Capacity | 2 GB |
| | Socket | SODIMM x 1 1 GB memory integrated on board |
| Graphic | Controller | Intel 945GME integrated |
| | VRAM | Dynamic |
| | Resolution | Up to 2048 x 1536, 64k color at 75 Hz |
| Ethernet | Interface | 10/100/1000Base-TX Ethernet |
| | Controller | Intel 82573E x 2 |
| | I/O Connector | RJ-45 x 2 (front) |
| Storage | Mode | SATA |
| | Channel | 2 |
| | Storage Site | One SATA connector and space reserved for embedded 2.5" HDD |
| Bridge | Bus | PCI 64-bit/66 MHz |
| | Interface | Universal (system/peripheral mode capability) |
| I/O Interface | Serial (COM1) | RJ-45 x 1 (front) |
| Operating System | Compatibility | Windows® XP/2000, Linux |
| Hardware Monitor | Controller | Winbond 83627DHG |
| | Monitor | CPU temperature, +3.3V, +5V, +12V |
| Watchdog Timer | Output | System reset |
| | Interval | Programmable, 0 ~ 255 sec. |
| PMC | Site | 1 |
| | Interface | IEEE1386.1 64-bit/66 MHz |
| | Signal | +5V/+3.3V compliant |
| Miscellaneous | Solid State Disk | One CompactFlash socket |
| | LEDs | HDD, Power, Hot Swap, system/peripheral, BMC Heartbeat |
| | USB 2.0 | 2 channels |
| | Real Time Clock | Built-in to the South Bridge |

Specifications Cont.

| | | | |
|-------------------|----------------------|--|------------------------------|
| Power Requirement | TDP | Max. 44 watts | |
| Physical | Dimension | 233.35 x 160 mm (9.19" x 6.3"), 1-slot width | |
| | Weight | 0.8kg (1.76lb) | |
| Environment | Temperature | Operating (by screening service) | Non-operating |
| | Humidity | 0 ~ 55° C (32 ~ 122° F) | -20 ~ 60° C (-4 ~ -140° F) |
| | Shock | - | 95 %@ 60° C (non-condensing) |
| | Vibration (5-500 Hz) | 20 G | 50 G |
| | Altitude | 1.5 Grms | 2.0G |
| Regulatory | Conformance | 4,000m above sea level | |
| | NEBS Level 3 | FCC Class A, CE, RoHS | |
| | Standards | Designed for GR-63-CORE and GR-1089-CORE | |
| Compliance | Standards | PICMG 2.0, R3.0 CompactPCI Specification | |
| | | PICMG 2.1, R2.0 Hot-Swap Specification | |
| | | PICMG2.9, R1.0 IPMI Specification | |
| | | PICMG2.16, R1.0 Packet Switching Backplane Specification | |

Recommended Configurations

| | | | |
|------------------|--------------------------|--|--------------------|
| CPU Board | PMC Module | Rear I/O Board | Enclosure |
| MIC-3392LE | MIC-3665-AE, MIC-3665-BE | RIO-3310AE, RIO-3310S-A1E, RIO-3310S-A2E | MIC-3042, MIC-3043 |

Ordering Information

| Model Number | Front Panel I/O | | | | | On-Board Option | | | | |
|--------------|-----------------|-----|-----|-----|-----|-----------------|--------|-----------|-----------------|------------|
| | LAN | COM | PMC | USB | VGA | CPU | Memory | CF socket | Storage Channel | Slot Width |
| MIC-3392LE | 2 | 1 | 1 | 2 | 1 | Celeron M 440 | 1 GB | 1 | 1 | 1 |

