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CR5



Overview

CR5 is a 3U CompactPCI SBC offering an Intel Core 2 Duo LV processor that features 65 nm technology with processing speeds up to 1.5 GHz for high performance computing. This Intel-based single board computer delivers two complete execution cores in one processor package that share a 667 MHz front-side bus (FSB) and 4 MB of L2 cache.

The 3100 MICH supports up to 2 Gbyte DDR2 SDRAM with ECC, 1-lane and 4-lane PCI-express Interfaces, two USB 2.0 ports, two COM ports, and one internal and two external serial ATA ports. The CR5 also features a custom mezzanine board providing CompactFlash and SVGA. For general status and control capability, the CR5 provides eight programmable General-purpose I/O (GPIO) lines with separate Interrupts and Interrupt masking.

- Intel Core 2 Duo LV @ 1.5 GHz
- Intel Core Duo LV @ 1.66 GHz or 1.2 GHz
- Low Power Celeron Option @ 1.06 GHz

- Up to 2 GB DDR SDRAM w/ECC
- 2x Gigabit Ethernet
- Air and Conduction Cooled

Specifications

Expansion Slots:
0

Bus Interface Chip
PLX 6254

Ethernet
Gigabit Ethernet

Form Factor
cPCI 3U

Maximum Memory
Up to 2 GB DDR2 SDRAM with ECC

Other
AXIS Support

Processor
Intel Core 2 Duo @ 1.5 GHz

Ruggedization
Level 1-5 Air, Conduction Cooled

Serial I/O
2

System/ Peripheral
Both

Transition Modules
CR5-TM

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We buy equipment

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