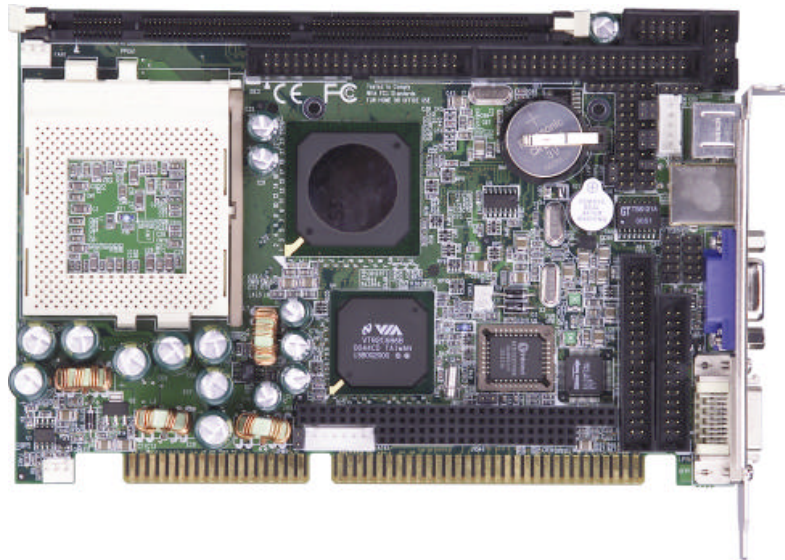


MSC-1650A

CPU Card with VGA / LAN



Introduction

The MSC-1650A is a half-size ISA bus CPU card with integrated VGA and Ethernet controllers. Supporting Pentium !!! FC-PGA and Celeron CPUs at clock speeds up to 733MHz using Socket 370, this CPU card offers one 168-pin DIMM slot allowing maximum of 256MB SDRAM memory with ECC function. It also provides USB ports, serial ports, and a PC/104 interface for flexible expansion options.

Designed using VIA Apollo Pro-133 Plus AGP chipset, other features include bus-mastering IDE and Ultra DMA-33/66 controller, 3-level watchdog timer, onboard audio, IrDA support, modem ring-on, and ACPI power management. All these make the MSC-1650A a versatile, high-performance, standard-based platform perfectly suited for industrial automation applications.

Features

- VIA VT8605 / VT82C686B chipset
- ISA Standard compliant
- Supports Intel Pentium !!! / Celeron FC-PGA 370 pin processor
- One 168-pin DIMM sockets support up to 256 MB SDRAM
- Bus master IDE and Ultra DMA-33/66/100 supported
- Two serial ports with 16550 UARTs, configurable as one RS-232 and one RS-232/422/485
- 16-level watchdog timer
- VGA controller for CRT & LCD (TMDX) displays
- 10/100Mbps Ethernet controller
- Built-in Audio function
- PC104 expansion bus.
- H/W monitoring IC for CPU temperature, system temperature, voltage, chassis & CPU fan speeds
- Supports two USB ports
- Supports IrDA
- Supports modem ring-on
- Supports wake on LAN