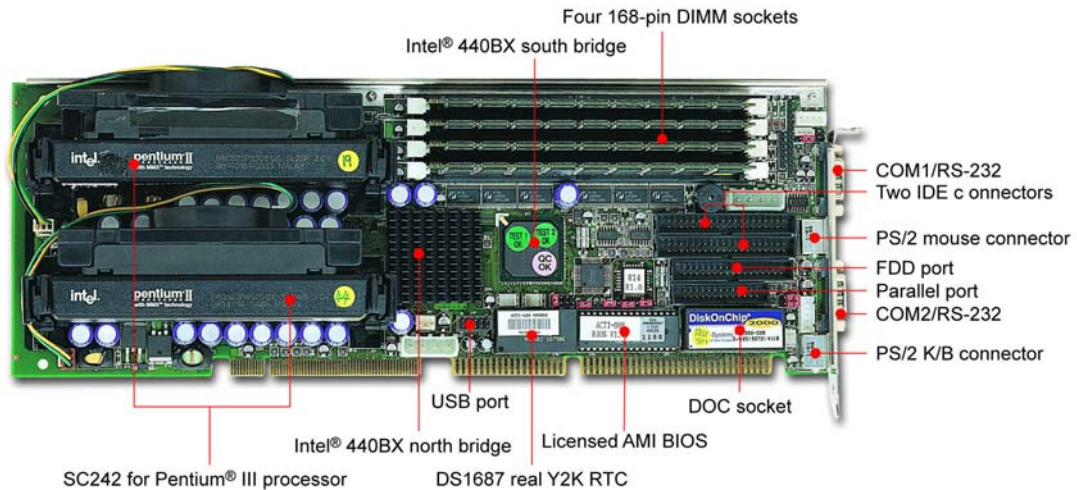


ACTI-688

Dual Intel® Pentium® III processor based PICMG SBC



Feature

- Reliable design for dual Slot-1 processors
- Intel® 440BX AGPset, the most stable and highly market recognized chipset from Intel®
- PC100 MHz SDRAM for cost effective memory support
- ECC function for data sensitive application
- Standard features for embedded system, like H/W monitoring, WDT, SSD and Wake-on-LAN
- One DOC socket for booting Windows NT directly
- Enhanced ISA-bus driving capability for driving more ISA boards

Specifications

CPU	Dual Intel® Pentium® III (Slot 1) processors
System Bus Frequency	66/100 MHz
Chipset	Intel® 82440BX AGPset
Memory	- Up to 1 GB PC100 SDRAM on four 168-pin DIMM sockets - ECC support
L2 Cache Memory	Built-in CPU
BIOS	AMI BIOS
On-Board I/O	- On-board Winbond W83977ATF super I/O - Support for four EIDE devices with Ultra DMA/33 - Up to two floppy disk drives - Two serial, one parallel, one IrDA and two USB ports
Watchdog Timer	- Programmable via software from 0.5 sec. to 254.5 min. - Adjustable via hardware jumper setting from 0.5 sec. to 64 sec.
Keyboard/Mouse	- One mini-DIN 6-pin connector for keyboard and mouse - One 5-pin header for external keyboard connection
ISA Bus	64mA high drivig ISA bus interface to backplane for legacy ISA slots
Hardware Monitor	System monitor (fan, temperature, voltage)
ACPI Function	ATX function with 4-pin header connect to backplane
Power Consumption	+5V@15A (typ.) ; +12V@100mA, -12V@20mA
Approval	FCC, CE class A
Board Dimension	- 339.5(L) x 122(W) mm ; 13.37"(L) x 4.8"(W) - 8-layer PCB (Double-sided component)
Operating Temperature	0 to 55 °C
Storage Temperature	-20 to 75 °C
Relative Humidity	5% to 95%, non-condensing

Ordering Guide

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Additional Functionality

Solid State Disk	DOC socket for up to 288 MB
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