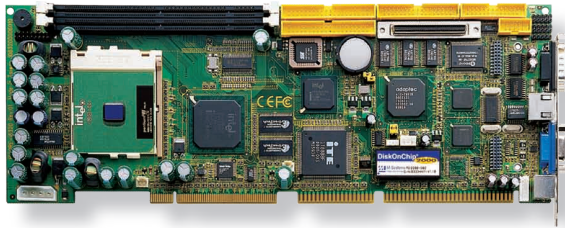




HiCORE-i6320

Intel® Pentium® III Socket 370 Tualatin Full-size SBC



Features

- **PICMG 1.0 Specification**
- Intel® Socket 370 Pentium® III Tualatin Processor
- 2 x 168-pin DIMM, up to 512MB
- 1 x Intel® 10/100Base-T Ethernet
- 4 x USB 1.1 Ports

System

CPU	Socket 370 Intel® Pentium® III CPU, up to 1.26GHz with 100/133MHz FSB
Memory	2 x 168-pin DIMM Sockets 100/133MHz up to 512MB
Chipset	Intel® 815E + ICH2
BIOS	Phoenix-Award PnP Flash BIOS
Storage	2 x Ultra ATA 100, support 4 IDE devices 1 x DiskOnChip 2000 Socket 2 x Floppy disk drives

Watchdog Timer 1~127 levels reset

I/O

Serial Port	2 x COM ports (1 x RS-232, 1 x RS-232/422/485 selectable)
Parallel Port	SPP/EPP/ECP mode
IrDA	1 x SIR IrDA 1.1 compliant
USB Port	4 x USB 1.1 ports
KB/MS	1 x 6-pin Mini-DIN connector for Keyboard and Mouse (PS/2 standard via Y-cable)

Ethernet

Chipset 1 x Intel® 82562ET 10/100Base-T Ethernet controller

Display

Graphics Chipset	Integrated Intel® 815E Graphics Engine, up to 32MB UMA Video RAM
Graphics Interface	Support up to 1280 x 1024

Mechanical & Environmental

Power Consumption	0.3A/12V, 7.4A/5V with Intel® Pentium® III 1.0GHz
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimensions (L x W)	338 x 122 mm (13.3" x 4.8")

Ordering Information

HiCORE-i6320VL	Socket 370 Intel® Pentium® III Tualatin full-size SBC
PICMG 1.0 Passive Backplane Series	Page 11-15

Computer on Module

Compact Board

Slot Board

Industrial Motherboard

Wide Temperature

SBC Daughterboard Power Converter Mounting Kit

Rugged Tablet PC

Medical PC

Industrial Panel PC/Monitor

Box PC

Industrial Chassis /Backplane/ Power supply