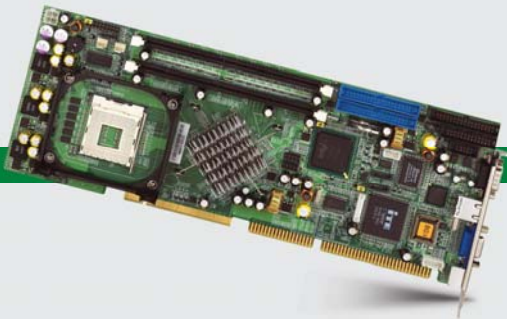


HiCORE-i6420

Full Size Intel Pentium 4 Socket 478 SBC with CRT, Serial ATA, Gigabit LAN

Slot
Computing



Features

- Intel Pentium 4 socket 478 CPU up to 3.4GHz FSB400/533/800MHz
- Intel 865G + Intel ICH5 chipset
- 1 x 10/100/1000 Base-T Ethernet
- 2 x serial ATA ports
- 4 x USB 2.0 ports
- Watchdog Timer & hardware monitoring function

System

CPU	Intel Pentium 4 socket 478 CPU up to 3.4GHz FSB400/533/800MHz
Cache	2nd level 1MByte
Memory	2 x 184Pin DIMM up to 2GB DDR SDRAM
Chipset	Intel 865G + Intel ICH5
BIOS	Phoenix - AWARD PnP Flash BIOS
ATA / IDE	2 x Ultra DMA 100, support 4 IDE drives
SATA / IDE	2 x serial ATA 150, support 2 IDE drives
Watchdog Timer	255-level Reset

I/O

Serial Port	2 x RS232 (COM1 / COM2)
Parallel Port	SPP / EPP / ECP mode
Floppy	Support 2 floppy disk drives
IrDA	1 x SIR IrDA 1.1 compliant
USB Port	4 x USB 2.0 compliant
KB/MS	1 x PS2 K/B & Mouse

Ethernet

Chipset	Intel 82547GI 1000 base-T (Gigabit)
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Audio

Codec/Interface	Realtek ALC202 AC97 Codec, support Mic-in / Line-in / line-out (optional)
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Display

Graphics Chipset	Intel 865G Extreme Graphics2 Engine Up to 16MByte UMA Video RAM
Graphics Interface	CRT support up to 1600 x 1200

Mechanical & Environmental

Power Consumption	HiCORE-i6420VLG/Prescott 2.8GHz 5V/4.5A, 12V/3.3A(Max.)
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	338 x 122 mm (13.3" x 4.8")

Ordering Information

HiCORE-i6420VLG	Full size Intel Pentium 4 socket 478 SBC with CRT serial ATA, Gigabit LAN	
FCDB-2110	Audio codec module (for HiCORE-i6420VLG)	
IEC-822	4U Rackmount Chassis	Page 10-3
PICMG Passive Backplane series		Page 10-20