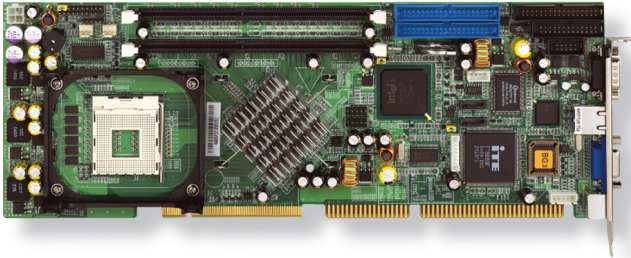




# HiCORE-i6420

Full-size Intel Pentium 4 Socket 478 SBC with CRT, Serial ATA, Gb LAN



## Features

- Intel Pentium 4 Socket 478 CPU up to 3.0GHz FSB400/533/800MHz
- 2 x 184-pin DIMM up to 2GB
- **Support 1 x 10/100/1000 Base-T Ethernet**
- Support 2 x SATA 150 MB/s Ports
- Support 4 x USB 2.0 Ports
- Watchdog Timer & Hardware Monitoring Function

## System

<b>CPU</b>	Intel Pentium 4 socket 478 CPU up to 3.0GHz FSB400/533/800MHz
<b>Cache</b>	2nd level 1MByte
<b>Memory</b>	2 x 184-pin DIMM up to 2GB DDR SDRAM
<b>Chipset</b>	Intel 865G + Intel ICH5
<b>BIOS</b>	Phoenix-Award PnP Flash BIOS
<b>ATA/IDE</b>	2 x Ultra DMA 100, support 4 IDE drives <b>2 x Serial ATA (150MB/s)</b>

**Watchdog Timer** 255-level Reset

## I/O

<b>Serial Port</b>	2 x RS-232 (COM1, 2)
<b>Parallel Port</b>	SPP/EPP/ECP mode
<b>Floppy</b>	Support 2 Floppy disk drives
<b>IrDA</b>	1 x SIR IrDA 1.1 compliant
<b>USB Port</b>	4 x USB 2.0 compliant
<b>KB/MS</b>	1 x PS2 K/B and Mouse

## Ethernet

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

## Audio

**Codec/Interface** Realtek ALC655 AC97 Codec, support Mic-in/Line-in/Line-out by FCDB-1110 Daughterboard (optional)

## 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, Gb LAN

**FCDB-1110** Audio codec module Page 5-5

**PICMG Passive Backplane Series** Page 11-15