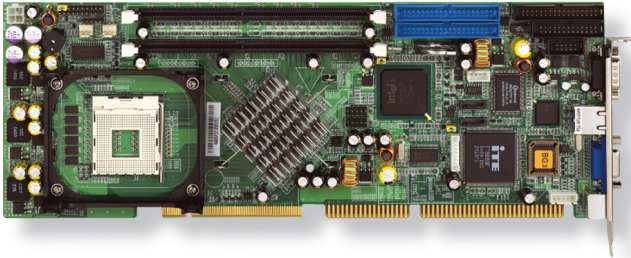




HiCORE-i6420

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

CPU	Intel Pentium 4 socket 478 CPU up to 3.0GHz FSB400/533/800MHz
Cache	2nd level 1MByte
Memory	2 x 184-pin 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 2 x Serial ATA (150MB/s)

Watchdog Timer 255-level Reset

I/O

Serial Port	2 x RS-232 (COM1, 2)
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 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