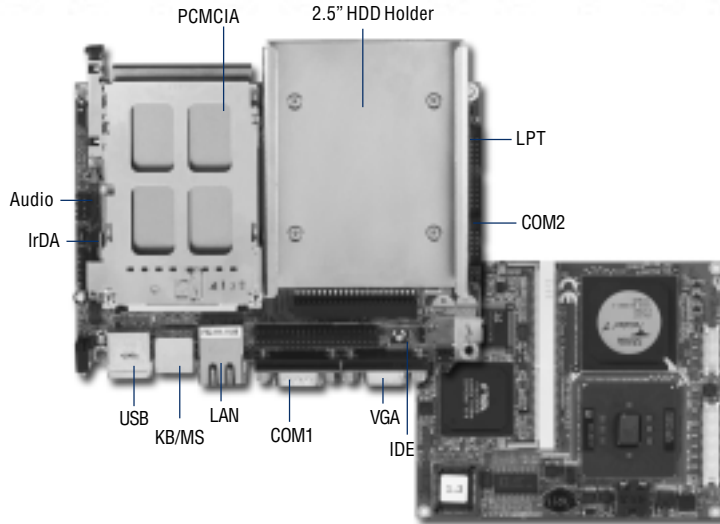


EmCORE-i6022

Intel ULV Celeron400 3.5" Miniboard with VGA/LCD, LAN, USB, PCMCIA



Features



- ★ ULV Celeron 400 MHz (Fanless)
- ★ SDRAM up to 512MB (SODIMM)
- ★ UMA Savage 4 (VT8606T) AGP Video Controller with TTL, CRT support
- ★ 10/100 Mbps Ethernet, RTL 8100BL
- ★ Support Unique Board ID# (2K EEPROM) for software based security and IP protection
- ★ System Easy Upgrade

Specifications

System

- **CPU Type:** Ultra Low Voltage Celeron 400MHz CPU with FSB 100MHz and 256KB L2 cache
- **System Memory:** Up to 512MB SDRAM on 144-pin SODIMM module
- **L2 Cache:** 256kB integrated in CPU
- **Chipset:** VIA Twister-T™ with VT8606 northbridge and VT82C686B southbridge
- **Enhanced IDE:** 2 ports and up to 3 ATAPI devices, supports Ultra DMA transfer rates up to 33MB/sec
- **BIOS:** Award Flash BIOS AT Power and APM 1.2 power management
- **Watchdog Timer:** 127-level

Multiple I/O

- **IDE Port:** 2 IDE ports, up to Ultra DMA33
- **Serial:** 1 high speed RS-232C port (COM1)
1 high speed RS-232C/422/485 port (COM2)
- **Parallel:** SPP, EPP and ECP mode
- **IrDA:** SIR IrDA 1.1 compliant
- **USB:** 2 USB ports
- **K/B & Mouse:** 1 x PS/2 keyboard and one PS/2 mouse
- **VGA:** One 15-pin D-sub VGA port

PCMCIA

- **Chipset:** Ricoh R5C485II
- **Socket:** 1 slot

LAN

- **Chipset:** 1 x Realtek 8100BL
- **Ethernet Interface:** 10/100Mbps

Audio

- **Chipset:** VT82C686B integrated
- **Audio Controller:** AC'97 v2.2 (Soundblaster compatible) (VIA VT1612A) supports Micin, Line in, Line out

Display

- **Chipset:** UMA Savage 4 (VT8606T) AGP Video Controller with TTL, CRT support
- **Display Memory:** Up to 32MB UMA Video RAM
- **CRT:** Up to UXGA 1600 x 1200 @ 32bpp
- **TTL:** support 18/36 bit TFT panels

Environment & Power Consumption

- **Power Requirement (+5V only)/ 2.52A (MAX)**
- **Operating Temperature:** 0 ~ 60°C (32 ~ 140°F)
- **Relative Humidity:** Up to 90% @ 55°C

Mechanical

- **Dimension (L x W):** 145 x 102 mm (5.7" x 4")

Ordering Information

- **Standard**
EmCORE-i6022/C400
Intel Celeron 400MHz 3.5" miniboard with VGA/LCD, LAN, COM, USB
- **Related Products**
 - Cable Kit**
6910413510010
 - HS-5102**
2631150982300, heatsink with fan Page 3-53
 - HS-5003**
2631171002007, heatsink without fan Page 3-54
 - HS-5004**
2631160981501, slim type heatsink without fan Page 3-54
 - SODIMM Modules**
 - 128MB 5150128001440
 - 256MB 5150256001440
 - 512MB 5150512001440