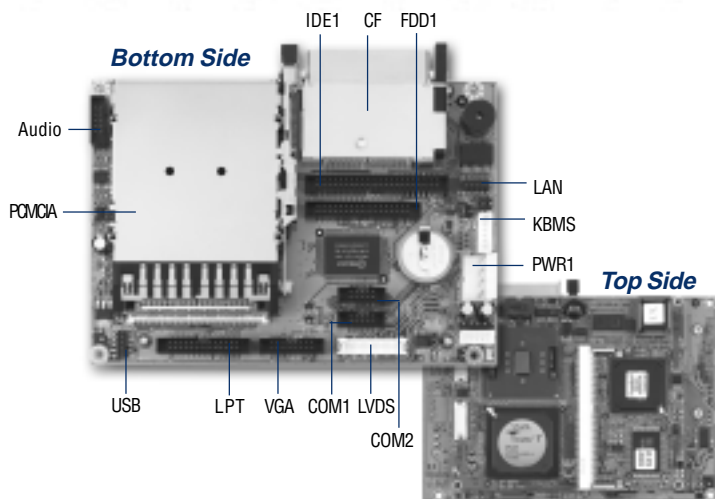


EmCORE-i6021

Intel ULV Celeron 400 3.5" Miniboard w/CRT, LCD / LVDS, TV-out, Audio & LAN



Features

- ★ ULV Celeron 400MHz (Fanless)
- ★ SDRAM up to 512MB (SODIMM)
- ★ UMA Savage 4 (VT8606T) AGP Video Controller with TTL, LVDS, CRT and TV-Out 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:** 1 Port 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

- **Serial:** 2 x high speed RS-232C port (COM1/2)
- **Parallel:** 1 x LPT, SPP, EPP and ECP mode
- **IrDA:** 1 x IrDA port, SIR IrDA 1.1 compliant
- **USB:** 2 USB v.1.1 ports
- **K/B & M/S:** One PS/2 keyboard and one PS/2 mouse
- **Enhanced IDE:** 1 x IDE port, up to ultra DMA 33MB/sec
- **Compact flash:** 1 x CF socket
- **PCMCIA:** Dual socket PCMCIA support

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, LVDS, CRT and TV-Out support
- **Display Memory:** Up to 32MB UMA Video RAM
- **CRT:** Up to UXGA 1600 x 1200 @ 32bpp
- **LVDS:** Dual channel 110MHz (36-bit)
- **TTL:** support 18/36 bit TFT panels
- **TV-out:** NTSC, PAL, NTSC-EIA (Japan), 640 x 480 resolutions

Environment & Power consumption

- **Power Requirement (+5V only)/2.52A (MAX):** Intel Celeron 400MHz with 256MB SDRAM
- **Operating Temperature:** 0 ~ 60°C (32 ~ 140°F)
- **Operative Humidity:** 0 ~ 90% relative humidity, non-condensing system

Mechanical

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

Ordering Information

- **Standard**
EmCORE-i6021/C400
Intel Celeron 400MHz 3.5" miniboard

- **Related Products**

- Cable Kit**
6911113010010
- HS-5102** Page 3-53
2631150982300, heatsink with fan
- HS-5003** Page 3-54
2631171002007, heatsink without fan
- HS-5004** Page 3-54
2631160981501, slim type heatsink without fan

- SODIMM Modules**
128MB 5150128001440
256MB 5150256001440
512MB 5150512001440