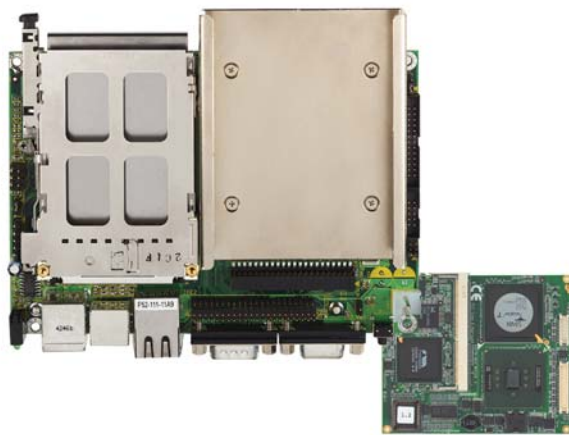


EmCORE-i6022

3.5" Intel Ultra Low Voltage Celeron 400Mhz Miniboard with VGA/LCD, LAN, USB, and PCMCIA



Features

- * Intel Ultra Low Voltage Celeron 400Mhz CPU up to Low Voltage Pentium III 933Mhz FSB100/133Mhz
- * SDRAM up to 512MB (SO-DIMM)
- * UMA Savage 4 (VT8606T) AGP Video Controller with TTL, LCD, CRT support
- * 10/100 Mbps Ethernet, RTL 8100BL
- * Support Unique Board ID# (2K EEPROM) for software based security and IP protection
- * Single PCMCIA socket

System

CPU	Intel Ultra Low Voltage Celeron 400Mhz up to Low Voltage Pentium III 933Mhz FSB100/133Mhz
Cache	2nd level 512KByte
Memory	1 x 144Pin SO-DIMM up to 512MB SDRAM
Chipset	VIA Twister-T VT8606T + VIA VT 82686B
BIOS	Phoenix-AWARD PnP Flash BIOS
ATA/IDE	2 x Ultra DMA 33, support 3 IDE drives
Watchdog Timer	127-level Reset

I/O

Serial port	1 x RS-232 port (COM1) 1 x RS-232/422/485 port (COM2)
Parallel port	SPP/EPP/ECP mode
IrDA	1 x SIR IrDA 1.1 compliant
USB port	2 x USB 1.1 compliant
KB/MS	1 x PS2 K/B and Mouse
Expansion Bus	1 x PCMCIA Socket

Ethernet

Chipset	Realtek 8100BL 10/100base-T
	Built-in Boot ROM in Flash BIOS, support Boot from LAN

Audio

Codec/Interface	VIA VT1612A AC97 Codec, support Mic-in/Line-in/Line-out
-----------------	---

Display

Graphics Chipset	VIA Twister-T S3 Savage4 Engine up to 32MByte UMA video RAM
Graphics Interface	CRT support up to 1920 x 1440 LCD support TTL 18/24/36 bit TTL up to 1280 x 1024

Mechanical & Environmental

Power Consumption	+5V / 2.52A (MAX)
Operating Temperature	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	0 ~ 90% relative humidity, non-condensing system
Dimension (L x W)	145 x 102mm (5.7" x 4")
Weight	0.243 kg

Ordering Information

EmCORE-i6022VL/C400	3.5" Intel Ultra Low Voltage Celeron 400Mhz Miniboard with VGA/LCD, LAN, USB and PCMCIA	
Cable Kit	CBK-05-1351-00	Page 5-0
Heat sink	HS-0602-W1	Page 5-5
	HS-0602-C1(optional)	Page 5-4
	HS-0602-F1(optional)	Page 5-5
Memory Module	SDRAM 64MB SO-DIMM 144Pin	
	SDRAM 128MB SO-DIMM 144Pin	
	SDRAM 256MB SO-DIMM 144Pin	
	SDRAM 512MB SO-DIMM 144Pin	