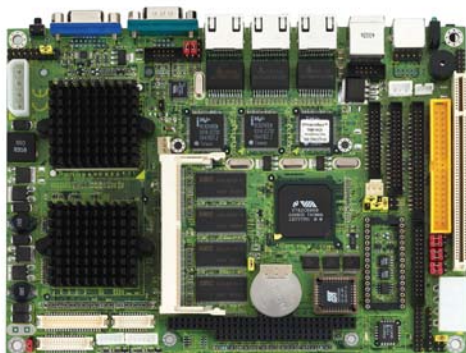


EmCORE-i625

5.25" Intel Ultra Low Voltage Celeron 400Mhz Miniboard with LCD / CRT , Audio and 3 x LAN, 4 USB, 4 COM



Features

- * Intel Ultra Low Voltage Celeron 400Mhz CPU
FSB100Mhz, Fanless solution
- * 128MB SDRAM Onboard and 1 x 144Pin SO-DIMM up to 512MB SDRAM, total 640MB
- * Triple 10/100 Mbps LAN or Triple Gigabit LAN for firewall application
- * VIA VT8606 Integrated Savage4 2D/3D video accelerator support LCD / CRT, TV-out
- * Mini PCI socket for Wireless LAN
- * Support unique board ID# for software based security and IP protection

System

CPU	Intel Ultra Low Voltage Celeron 400Mhz up to Low Voltage Pentium III 933Mhz FSB100/133Mhz
Cache	2nd level 512KByte
Memory	128MB SDRAM onboard and 1 x 144Pin SO-DIMM up to 512MB SDRAM, total 640MB
Chipset	VIA Twister-T VT8606T + VIA VT82686B
BIOS	Phoenix-AWARD PnP Flash BIOS
ATA/IDE	1 x Ultra DMA 100, support 2 IDE drives 1 x Ultra DMA 33, support 2 IDE drives
Flash Disk	1 x Type II Compact Flash Disk Socket 1 x Disk On Chip Socket
Watchdog Timer	127-level Reset

I/O

Serial port	3 x RS-232 ports (COM1/3/4) 1 x RS-232/422/485 port (COM2)
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 1.1 compliant
KB/MS	1 x PS2 K/B and Mouse
Expansion BUS	1 x 32 bit / 33Mhz PCI Slot 1 x 32 bit / 33Mhz Mini PCI Socket 1 x 16 bit ISA-based PC/104 interface
Digital I/O	8 Digital Input/Output

Ethernet

Chipset	3 x Realtek 8100BL 10/100base-T 3 x Realtek 82551 10/100base-T (optional) 3 x Realtek 82540EM 1000base-T (Gigabit) (optional) Built-in Boot ROM in Flash BIOS, support Boot from LAN
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Audio

Codec/Interface	VIA VT1612A AC97 Codec, support Mic-in/Line-in/Line-out
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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 18/36 bit LVDS up to 1280 x 1024 LCD support 18/24/36 bit TTL up to 1280 x 1024 TV-Out support NTSC / PAL up to 1024 x 768

Mechanical & Environmental

Power Consumption	EmCORE-i625VL3R/C400 5V/2.98A (Max.)
Operating Temperature	0 ~ 60°C (32 to 140°F)
Operating Humidity	Up to 90% @ 55°C
Dimension (W x L)	146 x 203 mm (5.75" x 8")
Weight	0.3 kg (0.66 lb)

Ordering Information

EmCORE-i625VL3R/C400-C	5.25" Embedded ULV Intel Celeron 400Mhz miniboard with AGP4X, CRT SVGA, Triple Realtek 8100BL fast Ethernet, Audio, Compact Flash
Optional	Box header version and all other specifications are available up on OEM request
Cable Kit	CBK-07-0625-00 Page 5-2
Memory Module	SDRAM 64MB SO-DIMM 144Pin SDRAM 128MB SO-DIMM 144Pin SDRAM 256MB SO-DIMM 144Pin SDRAM 512MB SO-DIMM 144Pin