

Em104-i613

Intel Ultra Low Voltage Celeron PC/104 Module with LCD / CRT & LAN



Features



- Intel Ultra Low voltage Celeron 400/650MHz CPU
- 4x AGP, 3D VGA 18/24-bit LCD (TTL and DSTN Type)
- Realtek 8100BL 10/100base-T Ethernet
- Support Compact Flash Disk up to 4GB
- Support 2 x USB 1.1 ports

System

CPU	Intel Ultra Low Voltage Celeron 400/650MHz CPU FSB100MHz
Cache	2nd level 256KByte
Memory	1 x 144Pin SO-DIMM up to 512MB SDRAM
Chipset	VIA Twister-T VT8606T + VIA VT82686B
ATA / IDE	1 x Ultra DMA 33, support 2 IDE drives
BIOS	Phoenix - AWARD PnP Flash BIOS
Flash Disk	1 x Type II Compact Flash Disk Socket
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
Floppy	Support 2 floppy disk drives
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 16-bit ISA-based PC/104 interface

Ethernet

Chipset	Realtek 8100BL 10/100base-T Built-in Boot ROM in Flash BIOS, support Boot from LAN
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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 18/24bit TTL up to 1280 x 1024

Mechanical & Environmental

Power Consumption	Em104-i613/C400 5V/2.09A (Max.)
Operating Temp.	0 ~ 60°C (32 ~ 140°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	96 x 90mm (3.8" x 3.5")

Ordering Information

Em104-i613VL/C400	PC/104 Intel Celeron 400MHz with 1 x SO-DIMM up to 512MB SDRAM, LCD / CRT, Fast Ethernet
Em104-i613VL/C650	PC/104 Intel Celeron 650MHz with 1 x SO-DIMM (optional) up to 512MB SDRAM, LCD / CRT, Fast Ethernet
Cable Kit	CBK-09-0613-00 Page 5-3
Memory Module	SDRAM 64MB SO-DIMM 144Pin SDRAM 128MB SO-DIMM 144Pin SDRAM 256MB SO-DIMM 144Pin SDRAM 512MB SO-DIMM 144Pin