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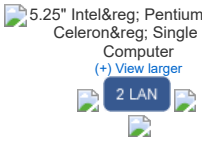
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ECM-5612

5.25" Intel® Pentium® III / Celeron® Single Board Computer



5.25" Intel® Pentium® III / Celeron® Single Board Computer

(+) View larger

EOL Notice

THE ECM-5612 IS ON THE PHASE-OUT LIST.
The last order is only accepted by September 30, 2007.
The last production will stop at March 30, 2008.
Please click to read more.

Features

- Supports Intel® Pentium® III / Celeron® CPU
- VIA VT8606 Chipset
- TFT, 2-CH LVDS
- AC97 Audio, TV-out
- Dual Realtek RTL8139C or Optional Intel® 82559/82559ER 10/
- 3 IEEE-1394A
- 1 PC/104, 1 PCI, Type I/II CF
- 4 COM, 2 USB 1.1

Specifications

System

CPU	Supports Intel® Pentium® III / Celeron® (CopperMine and Tualatin)
FSB	66/100/133 MHz
BIOS	Award 256 KB Flash BIOS
System Chipset	VIA TwisterT VT8606/VT82C686B
I/O Chip	VIA VT82C686B/Winbond W83977EF-AW
System Memory	One 168-pin DIMM socket supports up to 512 MB SDRAM
SSD	One CompactFlash Type I/II socket
Watchdog Timer	Reset: 32 sec.~254 min. and 1 min./step
Expansion	One PC/104 connector, one PCI slot (PCI Rev. 2.2 compliant)

I/O

MIO	2 x EIDE (Ultra DMA 100), 2 x FDD, 1 x LPT, 3 x RS-232, 1 x RS-232/422/485, 1 x K/B, 1 x Mouse
IrDA	115k bps, IrDA 1.0 compliant
USB	2 x USB 1.1 ports
IEEE 1394A	VIA VT6306 PCI 1394A integrated host controller supports 3 x IEEE-1394A ports

Display

Chipset	VIA VT8606 TwisterT with integrated S3 Savage4 2D/3D graphics engine
Display Memory	8/16/32 MB frame buffer using system memory
Resolution	CRT mode: 1920 x 1440 @ 16 bpp (60 Hz) LCD/Simultaneous mode: 1400 x 1050 @ 16 bpp (60 Hz)
VGA/LCD Interface	AGP 4X VGA/LCD interface Supports 9/12/18/36-bit TFT and 16/24-bit color DSTN panels
LVDS	Dual-channel 18-bit LVDS
TV-Out	VIA VT1621 TV encoder supports both NTSC/PAL Supports both S-video and composite video

Audio

Chipset	VIA VT82C686B
AC97 Codec	VT1612A
Audio Interface	Mic in, Line in, CD Audio in, Line out

Ethernet

LAN 1	Dual Realtek RTL8139C Optional dual Intel®82559/82559ER
Ethernet Interface	100Base-Tx Fast Ethernet compatible

Mechanical & Environmental

Power Requirement	+5 V @ 6.7 A, +12 V @ 0.16 A (with Intel® Pentium® III 1 GHz & 256 MB DDR SDRAM)
Power Type	AT/ATX
Operation Temperature	0~60° C (32~140° F)
Operating Humidity	0%~90% relative humidity, noncondensing
Size (L x W)	8" x 5.75" (203 mm x 146 mm)
Weight	0.88 lbs (0.4 Kg)

Order Infomation

- **ECM-5612** 5.25" Intel® Pentium® III / Celeron® Mini Module with Heatsink, VGA, 2-CH LVDS, TV-out, Audio, Dual LAN, CF, PC/104, PCI, 4 COM, 2 USB 1.1 & 3 IEEE-1394A
- **ECM-5612L** Same as above, but with Single LAN
- **ACC-56122-1** Cable Kit for ECM-5612/5613 Series
- **ACC-CFC-xx** CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1 GB)

Download

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- Block_Diagram
- Mechanical_Drawing
- Power_Consumption_Report
- Environment_Test_Report
- MTBF_Report
- CE_FCC_Report
- Driver

ValueZone

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