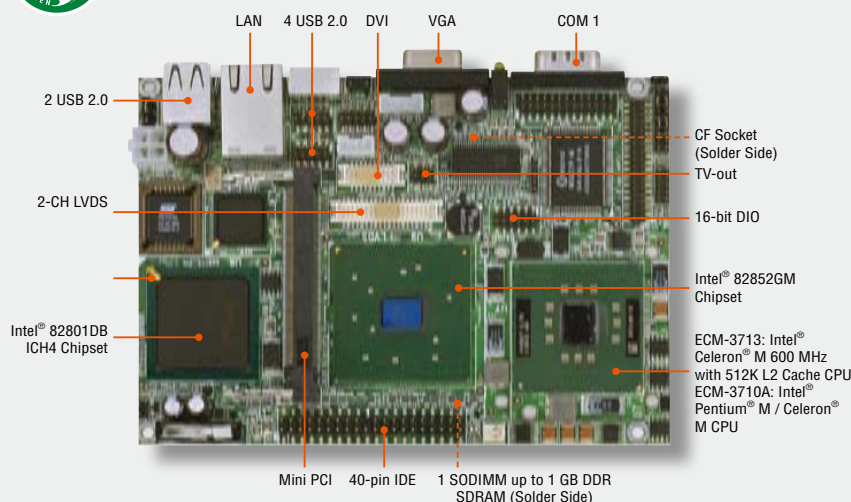


ECM-3713 ECM-3710A

3.5" Intel® 852GM Celeron® M 600 MHz with 512K L2 Cache Micro Module
3.5" Intel® 852GM Pentium® M / Celeron® M Micro Module



Features

- Supports Intel® Celeron® M 600 MHz with 512K L2 Cache CPU (ECM-3713) or Intel® Pentium® M / Celeron® M CPU (ECM-3710A)
- Intel® 82852GM Chipset
- One SODIMM up to 1 GB DDR SDRAM with ECC Supported
- DVI, 2-CH LVDS, Dual View
- 5.1 CH Audio, TV-out
- Intel® 82551ER 10/100Mbps LAN
- Optional Intel® 82541EI/82541ER Gigabit LAN
- 1 Mini PCI, Type I/II CF
- 2 COM, 6 USB 2.0, 16-bit GPIO
- Fanless Possible Operation

DVI

TV-out

GigaLAN

Mini PCI

6 USB

Specifications

System

• CPU	ECM-3713: Intel® µFC-BGA 479 Celeron® M 600 MHz with 512K L2 Cache CPU ECM-3710A: Intel® µFC-PGA 478 Pentium® M / Celeron® M CPU
• FSB	400 MHz
• BIOS	Award 512 KB Flash BIOS
• System Chipset	Intel® 82852GM GMCH/82801DB ICH4
• I/O Chip	Winbond W83627HG-AW
• System Memory	One 200-pin SODIMM socket supports up to 1 GB DDR 200/266 SDRAM with ECC supported
• SSD	One CompactFlash Type I/II socket
• Watchdog Timer	Reset: 1 sec.-255 min. and 1 sec. or 1 min./step
• Expansion	One Mini PCI slot

I/O

• MIO	2 x EIDE (Ultra DMA 100), 1 x FDD, 1 x LPT, 1 x RS-232, 1 x RS-232/422/485, 1 x K/B & Mouse
• IrDA	115k bps, IrDA 1.0 compliant
• USB	6 x USB 2.0 ports
• DIO	8-bit General Purpose I/O for DI and DO

Display

• Chipset	Intel® 82852GM integrated Extreme Graphics 2 controller
• Display Memory	Intel® DVM T 2.1 supports up to 64 MB video memory
• Resolution	CRT mode: 1600 x 1200 @ 32 bpp (85 Hz) LCD/Simultaneous mode: 1600 x 1200 @ 32 bpp (85 Hz)
• Multiple Display	CRT + LVDS, CRT + TV-out, or CRT + DVI
• LVDS	Dual-channel 18/24-bit LVDS
• DVI	Chrontel CH7009B DVI transmitter up to 165M pixels per second
• TV-out	Chrontel CH7009B TV encoder supports both NTSC/PAL Supports both S-video and composite video

Audio

• AC97 Codec	Realtek ALC655 supports 5.1 CH Audio
• Audio Interface	Mic in, Line in, CD Audio in, Line out

Ethernet

• LAN	Intel® 82551QM/82551ER Optional Intel® 82541EI/82541ER Gigabit LAN
• Ethernet Interface	100Base-Tx Fast Ethernet compatible: Intel® 82551QM/82551ER 1000Base-T Fast Ethernet compatible: Intel® 82541EI/82541ER

Mechanical & Environmental

• Power Consumption	+12 V @ 1.71 A (with Intel® Pentium® M 1.8 GHz & 256 MB DDR SDRAM)
• Power Type	AT/ATX
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%~90% relative humidity, non-condensing
• Size (L x W)	5.7" x 4" (146 mm x 101 mm)
• Weight	0.44 lbs (0.2 Kg)

Ordering Information

• ECM-3713

3.5" Intel® 852GM Celeron® M 600 MHz with 512K L2 Cache Micro Module with VGA, 2-CH LVDS, DVI, TV-out, 5.1 CH Audio, LAN, CF, Mini PCI, 6 USB 2.0 & GPIO

• ECM-3710A

3.5" Intel® 852GM Pentium® M / Celeron® M Micro Module with VGA, 2-CH LVDS, DVI, TV-out, 5.1 CH Audio, LAN, CF, Mini PCI, 6 USB 2.0 & GPIO

• ECM-3710

3.5" Intel® 855GME Pentium® M / Celeron® M Micro Module with VGA, 2-CH LVDS, DVI, TV-out, 5.1 CH Audio, LAN, CF, Mini PCI, 6 USB 2.0 & GPIO

• ACC-CF-xx

CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)

01
RISC02
ETX03
3.5"04
EPIC05
5.25"06
MB07
PC/10408
Barebones09
Smart
Terminal10
InnoFlex
PPC11
ACC