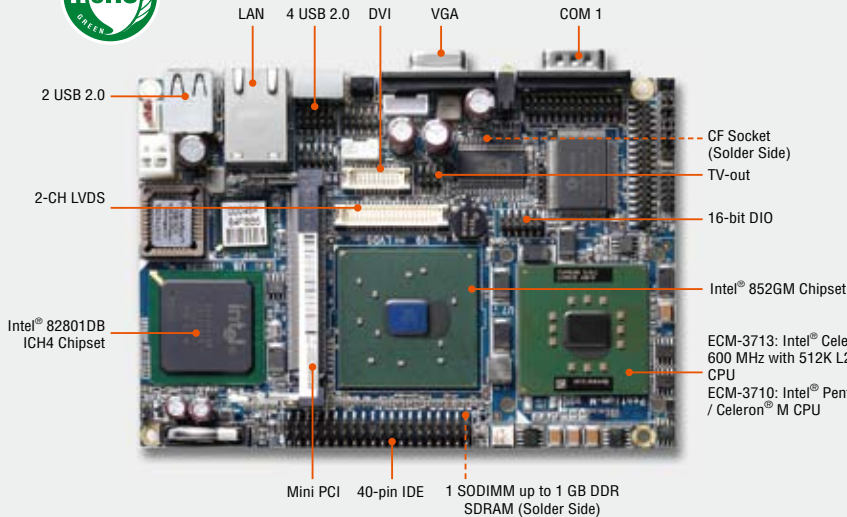




# ECM-3713 ECM-3710

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

3.5" Intel® 855GME 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-3710)

Intel® 852GM / ICH 4 Chipset (ECM-3713)  
Intel® 855GME / ICH 4 Chipset (ECM-3710)

One 200-pin SODIMM up to 1 GB DDR SDRAM

Dual View, 2-CH LVDS, DVI, TV-out

5.1-CH Audio, LAN, Optional Gigabit Ethernet

1 Mini PCI, 1 CF, 2 COM, 6 USB, 16-bit GPIO

Fanless Possible Operation



## Specifications

### System

• CPU	ECM-3713: Intel® µFC-BGA 479 Celeron® M 600 MHz with 512K L2 Cache CPU ECM-3710: Intel® µFC-PGA 478 Pentium® M / Celeron® M CPU
• FSB	400 MHz
• BIOS	Award 4 Mbit Flash BIOS
• System Chipset	Intel® 852GM / ICH4 (ECM-3713) Intel® 855GME / ICH4 (ECM-3710)
• 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	1 Mini PCI

### 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
• DIO	16-bit General Purpose I/O for DI and DO

### Display

• Chipset	Intel® 852GM integrated
• Display Memory	Intel® DVMT 2.1 supports up to 64 MB shared 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

• Chipset	Intel® ICH4
• 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 Ethernet
• Ethernet Interface	10/100 Base-Tx Fast Ethernet compatible: Intel® 82551QM / 82551ER 1000 Base-T Gigabit Ethernet compatible: Intel® 82541EI / 82541ER

### Mechanical & Environmental

• Power Requirement	+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 ,16-bit 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, 8 GB)
- **ACC-CPU-xyy**  
Pentium® / Celeron® mobile series (x: P = Pentium®, C = Celeron®; yy = Processor Clock speed, 1.8, 2.0 for Pentium® series and 1.5 for Celeron® series)
- **ACC-MEM-xx**  
Memory Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1 GB)