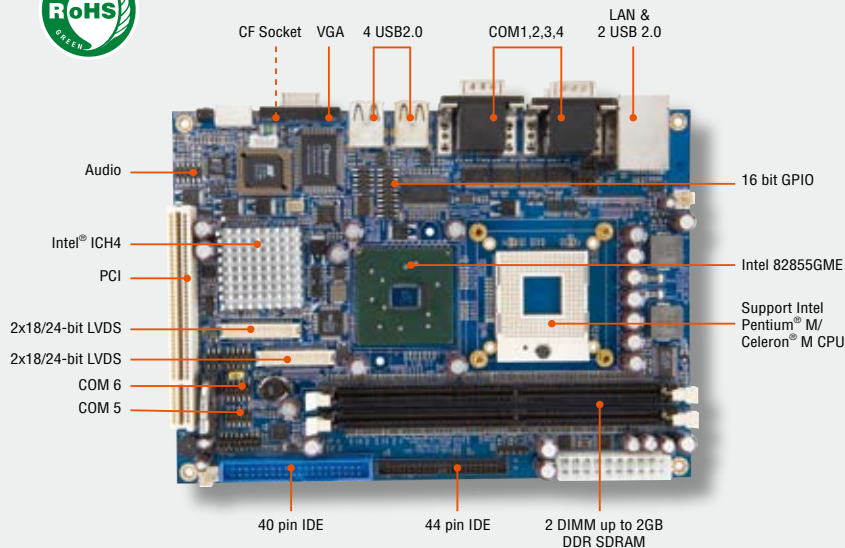




# ECM-5719

## 5.25" Intel® 855GME Pentium® M / Celeron® M Mini Module



### Features

- Supports 90nm Intel® µFC-PGA 478 / µFC-BGA 479 Pentium® M / Celeron® M CPU
- Intel® 82855GME Chipset
- Two DIMM up to 2 GB DDR SDRAM
- Dual 2-CH 18/24-bit LVDS Display
- 5.1 CH Audio
- Intel® 82562ET 10/100Mbps LAN
- 1 PCI, Type I/II CF
- 6 COM, 6 USB 2.0, 16-bit GPIO
- Fanless Possible Operation

2 x 2-CH LVDS    LAN    6 COM    6 USB    16 GPIO

5.25" Mini Modules

### Specifications

#### System

• CPU	Supports Intel® µFC-PGA 478 Pentium® M / Celeron® M CPU with 0.13µ and 90nm process technology
• FSB	400 MHz
• BIOS	Award 512 KB Flash BIOS
• System Chipset	Intel® 82855GME GMCH/82801DB ICH4
• I/O Chip	Winbond W83627HG-AW
• System Memory	Two 184-pin socket supports up to 2 GB DDR 200/266/333 SDRAM
• SSD	One CompactFlash Type I/II socket
• Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
• H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
• Expansion	One PCI slot (PCI 2.2 compliant)

#### I/O

• MIO	2 x EIDE (Ultra DMA 100), 5 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	16-bit General Purpose I/O for DI and DO

#### Display

• Chipset	Intel® 82855GME GMCH integrated Extreme Graphics 2 controller
• Display Memory	Intel® DVM T.2.1 supports up to 64 MB video memory
• Resolution	CRT mode: 2048 x 1536 @ 16 bpp (75 Hz) LCD/Simultaneous mode: 2048 x 1536 @ 16 bpp (75 Hz)
• Multiple Display	CRT + LVDS, or LVDS + LVDS
• LVDS	Dual 2-CH 18/24-bit LVDS

#### Audio

• AC97 Codec	VIA VT1618 supports 5.1 CH Audio
• Audio Interface	Mic in, Line in, CD Audio in, Line out

#### Ethernet

• LAN	Intel® 82562ET
• Ethernet Interface	100Base-Tx Fast Ethernet compatible

#### Mechanical & Environmental

• Power Consumption	+5 V @ 4.20 A, +12 V @ 0.16 A, +3.3 V @ 1.61 A, 5 Vsb @ 0.34 A (with Intel® Pentium® M 1.8 GHz & 1 GB DDR SDRAM)
• Power Type	ATX
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%~90% relative humidity, non-condensing
• Size (L x W)	8" x 5.75" (203 mm x 146 mm)
• Weight	0.88 lbs (0.4 Kg)

### Ordering Information

- **ECM-5719**  
5.25" Intel® Pentium® M / Celeron® M Mini Module with Heatsink, VGA, 2-CH LVDS, 5.1 CH Audio, LAN, CF, PCI, 6 COM, 6 USB 2.0 & GPIO
- **ACC-CF-xx**  
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)