



## Features

- Onboard Intel® Celeron® M 600 MHz CPU
- Intel® 910GMLC / ICH6-M Chipset
- One 200-pin SODIMM up to 2 GB DDR2 SDRAM
- Dual View, 2-CH LVDS, HD Audio
- Marvell 88E8053 Gigabit Ethernet
- 4 PCI, 1 PCIe16, 3 PCIe1
- 2 SATA, 8 USB, 8-bit GPIO
- Fanless Possible Operation



## Specifications

### System

• CPU	Onboard Intel® HFC-BGA 479 Celeron® M 600 MHz CPU with 512K L2 Cache
• BIOS	Award 4 Mbit Flash BIOS
• System Chipset	Intel® 910GMLC / ICH6-M
• System Memory	One 200-pin DDR2 SODIMM socket supports up to 2 GB DDR2 400 SDRAM
• Expansion	4 PCI (PCI Rev. 2.3 compliant), 3 PCIe1, 1 PCIe16

### I/O

• MIO	1 x EIDE (Ultra DMA 100), 2 x SATA
• USB	8 x USB 2.0 ports
• DIO	4-bit GPI and 4-bit GPO

### Display

• Chipset	Intel® 910GMLC integrated Extreme Graphics Controller
• Display Memory	Intel® DVMT 3.0 supports up to 128 MB shared video memory
• Resolution	CRT mode: 2048 x 1536 @ 32 bpp (75 Hz) LCD / Simultaneous mode: 1600 x 1200 @ 16 bpp (60 Hz)
• Multiple Display	CRT + LVDS
• LVDS Interface	Dual-channel 18/24 bit LVDS

### Audio Interface

• Chipset	Intel® ICH6-M
• Interface	Intel® HD Audio

### Ethernet

• LAN	Marvell 88E8053 Gigabit Ethernet
• Ethernet Interface	1000 Base-T Gigabit Ethernet Compatible

### Mechanical & Environmental

• Power Requirement	+12 V, 5Vsb
• Power Type	ATX
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%-90% relative humidity, non-condensing
• Size (L x W)	5" x 3.7" (125 mm x 95 mm)
• Weight	0.44 lbs (0.2 Kg)

## Ordering Information

- **ESM-910**  
Intel® Celeron® M 600 MHz CPU with 512 K L2 Cache COM Express Module
- **EEV-EX11**  
COM Express Carrier Board for Evaluation
- **ACC-HSP-2850-1R**  
Heat Spreader for ESM-2850/910 Series with PGA Type, 95 x 125 x 11 mm
- **ACC-HSP-2850-2R**  
Heat Spreader for ESM-2850/910 Series with BGA Type, 95 x 125 x 11 mm  
Note: Cable kit not included