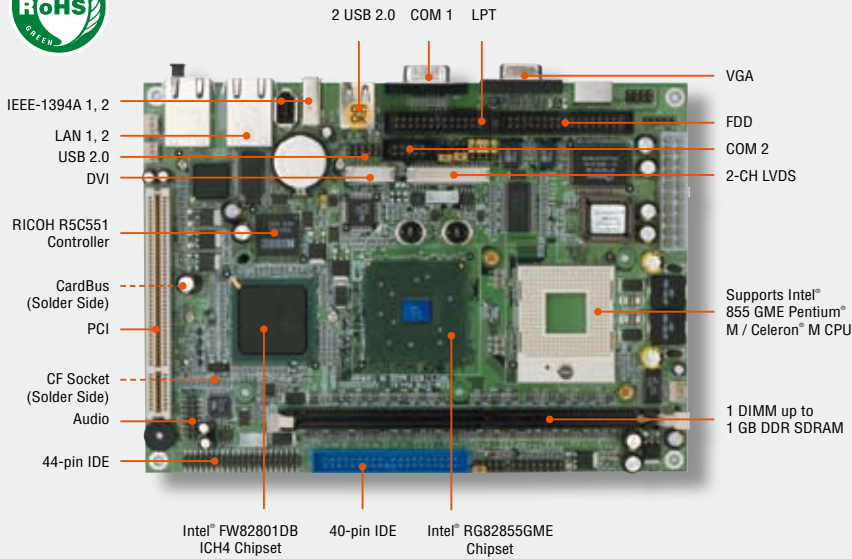




ECM-5716

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
- One DIMM up to 1 GB DDR SDRAM with ECC Supported
- DVI, 2-CH LVDS, Dual View
- 5.1 CH Audio
- Intel® 82562ET & 82551ER 10/100Mbps LAN
- Optional Intel® 82541ER Gigabit LAN
- 2 IEEE-1394A, 1 CardBus
- 1 PCI, Type I/II CF
- 2 COM, 4 USB 2.0
- Fanless Possible Operation



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	One 184-pin socket supports up to 1 GB DDR 200/266/333 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
H/W Status Monitor	Monitoring system temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
Expansion	One CardBus, one PCI slot (PCI 2.2 compliant)

I/O

MIO	2 x EIDE (Ultra DMA 100), 2 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	4 x USB 2.0 ports
IEEE-1394A	RICOH R5C551 CardBus/1394A host controller supports 2 x IEEE-1394A ports

Display

Chipset	Intel® 82855GME GMCH integrated Extreme Graphics 2 controller
Display Memory	Intel® DVMT 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 CRT + DVI
LVDS	Dual-channel 18/24-bit LVDS
DVI	Chrontel CH7301C DVI transmitter

Audio

AC97 Codec	VIA VT1616 supports 5.1 CH Audio
Audio Interface	Mic in, Line in, CD Audio in, Line out

Ethernet

LAN 1	Intel® 82551ER Optional Intel® 82541ER Gigabit LAN
LAN 2	Intel® 82562ET
Ethernet Interface	100Base-Tx Fast Ethernet compatible: Intel® 82562ET, 82551ER 1000Base-T Fast Ethernet compatible: Intel® 82541ER

Mechanical & Environmental

Power Consumption	+12 V @ 0.23A, +5VSB @ 0.64A, +5 V @ 3.10 A, +3.3 V @ 2.06 A (with Intel® Pentium® M 1.7 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-5716**
5.25" Intel® Pentium® M / Celeron® M Mini Module with Heatsink, VGA, 2-CH LVDS, DVI, 5.1 CH Audio, Dual LAN, CF, CardBus, PCI, 4 USB 2.0 & 2 IEEE-1394A
- EES-5716**
Intel® Pentium® M / Celeron® M Mini PC with VGA, LCD, Audio, Dual LAN, PCI, 2 COM, 4 USB 2.0, & IEEE-1394A
- ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)