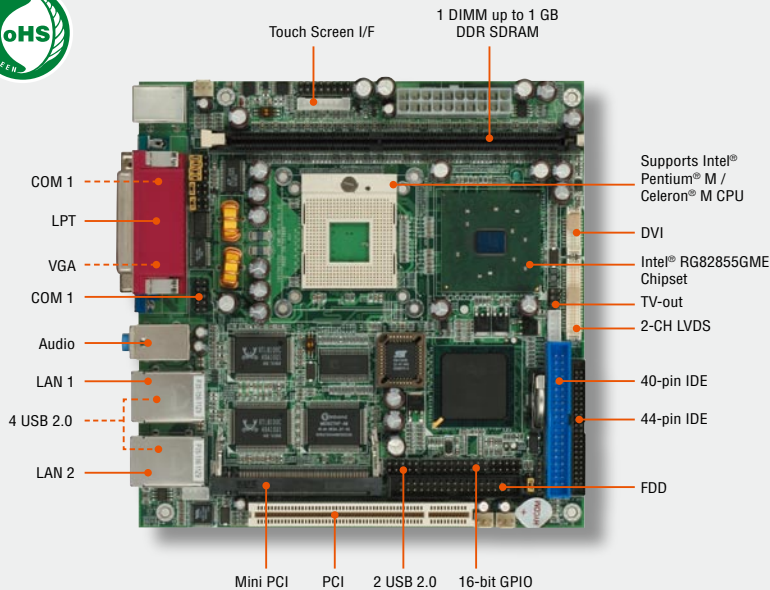


EMB-9675 Intel® 855GME Pentium® M / Celeron® M Mini ITX Main Board



Features

- Supports 90nm Intel® 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, Optional Built-in Touch Screen I/F
- 5.1 CH Audio, TV-out
- Realtek RTL8100C 10/100Mbps LAN
- Realtek RTL8110S Gigabit LAN
- 1 PCI, 1 Mini PCI, Type I/II CF
- 2 COM, 6 USB 2.0, 16-bit GPIO



Specifications

System

• CPU	Supports Intel® µFC-PGA 478 / µFC-BGA 479 Pentium® M / Celeron® M up to 1.8 GHz 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 DIMM socket supports up to 1 GB DDR 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 temperatures, voltages, and cooling fan status. Auto throttling control when CPU overheats
• Expansion	One PCI slot (PCI Rev. 2.2 compliant), 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, 1 x 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® DVM2.1 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, or DVI/TV-out + LVDS, or CRT + DVI
• LVDS	Dual-channel 18/24-bit LVDS
• DVI	Chrontel CH7009B DVI transmitter up to 135M pixels/second
• TV-out	Chrontel CH7009B TV encoder supports both NTSC/PAL Supports both S-video and composite video

Built-in Touch Screen (Optional)

• Chipset	PenMount DMC9000
• Touch Screen Interface	With 9-pin 2 mm box header (can be selected to support 4/5/8-wire touch screen)

Audio

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

Ethernet

• LAN 1	Realtek RTL8110S Gigabit LAN
• LAN 2	Realtek RTL8100C
• Ethernet Interface	100Base-Tx Fast Ethernet compatible: RTL8100C 1000Base-T Fast Ethernet compatible: RTL8110S

Mechanical & Environmental

• Power Consumption	+5 V @ 3.28 A, +12 V @ 0.11 A, +3.3 V @ 4.36 A, -5 V @ 0.01 A, -12 V @ 0.01 A, 5 Vsb @ 0.18 A (with Intel® Pentium® M 1.8 GHz & 256 MB 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)	6.69" x 6.69" (170 mm x 170 mm)
• Weight	0.88 lbs (0.4 Kg)

Ordering Information

- **EMB-9675**
Intel® Pentium® M / Celeron® M Mini ITX Main Board with VGA, DVI, TV-out, 2-CH LVDS, 5.1 CH Audio, 1 LAN, 1 Gigabit LAN, CF, PCI, Mini PCI, 2 COM, 6 USB 2.0 & GPIO
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512 MB, 1, 2, 4 GB)
- **ACC-FAN-PM-01R**
Support Intel® Pentium® M CPU to 1.86G 27W