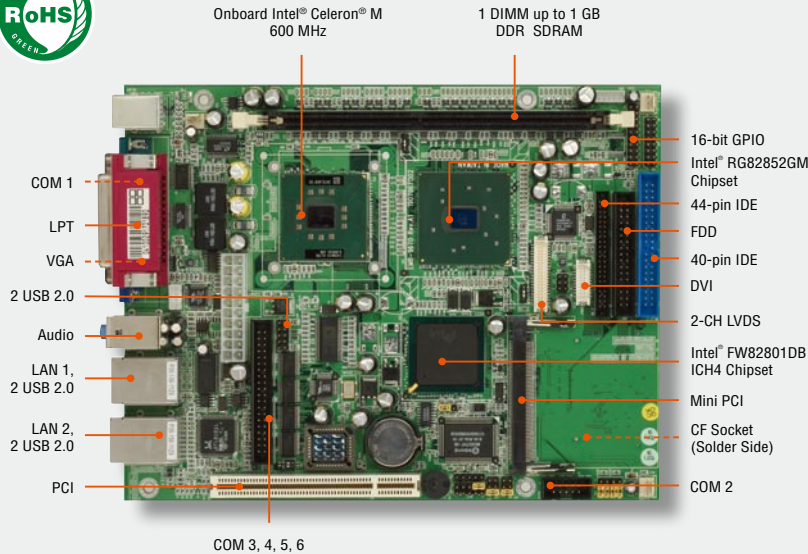


EMB-9673 Intel® 852GM Celeron® M 600 MHz ITX Main Board



Features

- Onboard Intel® Celeron® M 600 MHz with 512K L2 Cache CPU
- Intel® 82852GM Chipset
- One DIMM up to 1 GB DDR SDRAM
- DVI, 2-CH LVDS, Dual View
- 5.1 CH Audio, TV-out
- Intel® 82562ET & Realtek RTL8101L, Optional Intel® 82551QM/82551ER 10/100Mbps LAN
- Optional Intel® 82541PI Gigabit LAN
- 1 PCI, 1 Mini PCI, Type I/II CF
- 6 COM, 6 USB 2.0, 16-bit GPIO
- Fanless Possible Operation

Ideal High-End POS system board

LVDS

Dual View

2 LAN

6 COM

6 USB

Fanless

Specifications

System

• CPU	Onboard Intel® µFC-BGA 479 Celeron® M 600 MHz with 512K L2 Cache Note: Available in different CPU speeds by request
• FSB	400 MHz
• BIOS	Award 512 KB Flash BIOS
• System Chipset	Intel® 82852GM GMCH/82801DB ICH4
• I/O Chip	Winbond W83627HG-AW
• System Memory	One 184-pin DIMM socket supports up to 1 GB DDR 200/266 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 Rev. 2.2 compliant), one Mini PCI slot

I/O

• MIO	2 x EIDE (Ultra DMA 100), 1 x FDD, 1 x LPT, 5 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® 82852GM 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 DVI/TV out + LVDS, or CRT + DVI
• VGA/LCD Interface	AGP 4X VGA/LCD interface
• 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

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® 82562ET
• LAN 2	Realtek RTL8101L, Optional Intel® 82551QM/82551ER or Optional Intel® 82541PI Gigabit LAN
• Ethernet Interface	100Base-Tx Fast Ethernet compatible: Intel® 82562ET, 82551QM/82551ER, Realtek RTL8101L 1000Base-T Fast Ethernet compatible: Intel® 82541PI

Mechanical & Environmental

• Power Consumption	+5 V @ 0.57 A, +12 V @ 0.06 A, +3.3 V @ 5.20 A, -5 V @ 0.23 A, -12 V @ 0.20 A, 5 VSB @ 0.31 A (with Intel® Celeron® M 600 MHz OK L2 Cache CPU & 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)	6.69" x 8.66" (170 mm x 220 mm)
• Weight	0.88 lbs (0.4 Kg)

Ordering Information

• EMB-9673

Intel® Celeron® M 600 MHz with 512K L2 Cache ITX Main Board with Heatsink, VGA, 2-CH LVDS, DVI, TV-out, 5.1 CH Audio, Dual LAN, CF, PCI, Mini 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)

• E1701400182R

4xCOM with bracket