



Main Features

- ◆ Supports Intel® Pentium® M/ Celeron® M Processor Up to 2 GHz+ with 400 MHz FSB
- ◆ Intel® 855GME Chipset For EBC 572/572A/ EBC 572(LF)
Intel® 852GM Chipset For EBC 572-C65/ EBC 572(LF)-C65
- ◆ 2 x 184-pin DIMM, Supports DDR 200/266/333 Memory Up to 2 GB
- ◆ 2 x Intel® 82551QM/82562 EM 10/100 LAN
- ◆ Supports 36-bit LVDS
- ◆ PC/104 and CompactFlash Socket

Product Overview

The EBC 572 is a 5.25" form factor embedded board computer with socket 478 that supports Intel® Pentium® M/Celeron® M or on-board 479-pin LV/ULV Pentium® M processors with 400 MHz FSB and up to 2 MB L2 cache. The EBC 572 incorporates an Intel® 82852GM or 82855GME and 82801 DB (ICH4) chipset. The Intel® 82855GME supports un-buffered ECC DDR 200/266/333 memory up to 2 GB maximum and an integrated graphic controller with 64 MB of VGA shared memory, a CRT and 36-bit LVDS display interface.

The low power consumption South Bridge ICH4 provides one PCI slot, a PC/104 interface, parallel port, slim type floppy connector, 40-pin IDE connector, CompactFlash socket, four serial ports supported by 40-pin header, four USB 2.0 ports supported by two JST 6-pin connectors, two 10/100 LAN ports, an optional audio interface with EBK AC97 module as well as others. The EBC 572 Series with great processor choices, I/O, and display support offer an flexible embedded solution.

Specifications

CPU Support

- ◆ Single Micro-FCPGA Socket 478
- ◆ Supports Intel® Pentium® M processor up to 1.7 GHz with 1 MB L2 Cache, 400 MHz FSB
- ◆ Supports Intel® Pentium® M processor up to 2.0 GHz with 2 MB L2 Cache, 400 MHz FSB
- ◆ Supports Intel® Celeron® M processor from 600 MHz up to 1.5 GHz with 512 KB on-die L2 Cache, 400 MHz FSB
- ◆ Optional on-board Intel® Micro-FCBGA 479-pin Pentium® M/ULV/ LV Pentium® M processor

Main Memory

- ◆ 2 x 184-pin DIMM sockets, up to 2 GB unbuffered DDR 200/266/333/400 SDRAM
- ◆ 855GME model supports ECC memory
- ◆ 852GM model does not support ECC memory

Chipset

- ◆ Intel® 855GME Chipset For EBC 572(104)
Intel® 852GM Chipset For EBC 572(104)-C65
- ◆ Intel® 82801 DB (ICH4)

BIOS

- ◆ Award System BIOS
- ◆ Plug & Play support
- ◆ ACPI 1.0b compliant
- ◆ 4 Mbit flash ROM

On-board LAN

- ◆ 1 x Intel® 82551QM 10/100 Fast Ethernet LAN
- ◆ 1 x Intel® 82562EM 10/100 Fast Ethernet LAN

Display

- ◆ Intel® 855GME/852GM chipset integrated with graphics controller
- ◆ Up to 64 MB of dynamic video memory
- ◆ Hardware motion compensation assist for software MPEG/DVD decoder
- ◆ VGA: 2.0 mm pin header for CRT output
- ◆ LVDS: DF13-20DP, 2 x 20-pin connector, support 18/24-bit single pixel or 18-bit dual pixel LVDS panel

