

CAL-SBC-815E-SL



Full-size Socket 370 815E SBC with
VGA & LAN

Features

- ◆ Integrated Intel 815E Chipset
- ◆ One MicroPCI Socket for Ultra Expandability
- ◆ Three 168-pin DIMM Slots Support PC100/PC133 SDRAM Modules
- ◆ 66MHz/100MHz/133MHz Supports up to 1GHz CPU Speed
- ◆ UDMA/100, Intelligent BIOS, Dual Independent Display
- ◆ Support CRT/Panel Link LCD, LVDS via MicroPCI Socket, ISA High Drive,
- ◆ Smart Card Reader Interface, DOC Socket, Watchdog Timer

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Specifications

CPU Support

- ◆ Socket 370
- ◆ Intel Celeron/Coppermine; 300MHz~1GHz
- ◆ 66MHz/100MHz/133MHz Front Side Bus

Memory

- ◆ Support SDRAM up to 512MB
- ◆ 168-pin DIMM x 3

BIOS

- ◆ Award System BIOS
- ◆ Plug & Play support
- ◆ Advanced Power Management support
- ◆ Advanced configuration & Power Interface support
- ◆ 4Mbits FWH

Chip Set

- ◆ Intel 815E Chipset

On Board VGA

- ◆ 815E intergrated graphics
- ◆ Shared Memory
- ◆ Optional 4MB display cache on board Optional Panel Link (Sil164) w/24-pin DVI-D connector

On Board LAN

- ◆ Intel ICH2 intergrated Ethernet controller
- ◆ 10Base-T/100Base-TX Protocol
- ◆ Optional Dual Ethernet solution

On Board I/O

- ◆ ITE8712 supports IrDA x 1
- ◆ Parallel x 1
- ◆ COM1 (RS232)
- ◆ COM2 (RS232/422/485)
- ◆ FDC up to 2.88MB (3 Mode support)
- ◆ Hardware Monitor (3 thermal inputs, 8 voltage monitor inputs, VIDO-4, chassis open detection, 3 fan headers)
- ◆ Smart card reader
- ◆ FDD Interface supports 2 x FDD:3.5" and/or 5.25" Drives; 3 mode support
- ◆ 1 x Parallel port supports SPP/EPP/ECP
- ◆ 1 x RS-232/422/485 and 1 x RS-232 port
- ◆ USB pin header for 4 x USB ports
- ◆ IrDA pin header
- ◆ PS/2 Keyboard & Mouse connector

On Board Solid State Disk Socket

- ◆ Supports 2MB~144MB M-Systems DOC flash disk

On Board RTC

- ◆ High precision real time clock/calendar

System Monitor

- ◆ Built in ITE8712; monitors system/ CPU temperature and voltage status

ISAMAX Support

- ◆ Maximize ISA signals to support ISA cards up to 20

Watchdog Timer

- ◆ Generates system reset; 256 levels

Dimensions

- ◆ 338 mm(L) x 122 mm(W) (13.3" x 4.8")

Power Requirements

- ◆ +5V: 15A (Max.)
- ◆ +12V: 200mA (Max.)
- ◆ -12V: 200mA (Max.)

Environments

- ◆ Operating temperatures: 0°C to 60°C
- ◆ Storage temperatures: -20°C to 80°C
- ◆ Relative humidity: 10% to 90% (Non-condensing)

Certification

- ◆ CE approval
- ◆ FCC
- ◆ UL

Order Information

CAL-SBC-815E-SL

Socket 370 815E PICMG Full Size with VGA & LAN

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Socket 370 815E PICMG Full Size SBC with VGA, LAN & Audio

