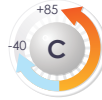
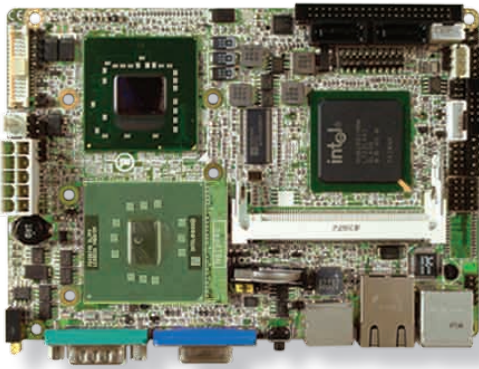




EasyBoard-841E

Wide Range Operating Temperature 3.5" Intel® Core™ 2 Duo Miniboard



Features

- Support Intel® Socket P Mobile Processors
- Dual Gigabit Ethernet
- Support Memory Capacity up to 2GB
- Dual Channels 18/24-bit LVDS, and Analog RGB
- Support Dual Independent Displays
- Multi-expansion (2 x SATA, 1 x PATA, 6 x USB, 1 x Mini PCI Socket, 2 x Serial Ports, 1 x CF Socket)
- Wide Range Operating Temp.: -40 ~ 85°C

System

CPU	Intel® Core™ 2 Duo CPU, up to 800MHz FSB
	Intel® Celeron® M CPU with 533/667MHz FSB
	Soldered onboard Intel® Core™ 2 Duo L7500 1.6GHz CPU with 800MHz FSB
Memory	1 x 200-pin DDR2 SO-DIMM Socket supporting 533/667MHz SDRAM up to 2GB
Chipset	Intel® GME965 + ICH8M
BIOS	AMI PnP Flash BIOS
Storage	1 x Ultra ATA, support 2 IDE devices
	2 x Serial ATA ports with 300MB/s HDD transfer rate
	1 x CompactFlash Type II Socket
Floppy	1 x Floppy disk drive share with parallel port

Watchdog Timer 1~255 levels reset

I/O

I/O Chip	Winbond W83627HG
Serial Port	2 x COM ports (1 x RS-232, 1 x RS-232/422/485 selectable)
Parallel Port	SPP/EPP/ECP mode
USB Port	6 x USB 2.0 ports
KB/MS	1 x 6-pin Mini-DIN for Keyboard and Mouse (PS/2 standard via Y-cable)
Digital I/O	8-bit programmable Digital Input/Output
Expansion Bus	1 x Mini PCI Socket

Ethernet

Chipset 2 x Realtek RTL8111B PCIe Gigabit Ethernet controllers

Audio

CODEC/Interface Realtek ALC888 7.1 Channel HD Audio CODEC, Mic-in/Line-in/Line-out

Display

Graphics Chipset Integrated Intel® Graphics Media Accelerator X3100

Graphics Interface Support Analog RGB

LCD: Dual Channels 24-bit LVDS

Support dual independent displays

Mechanical & Environmental

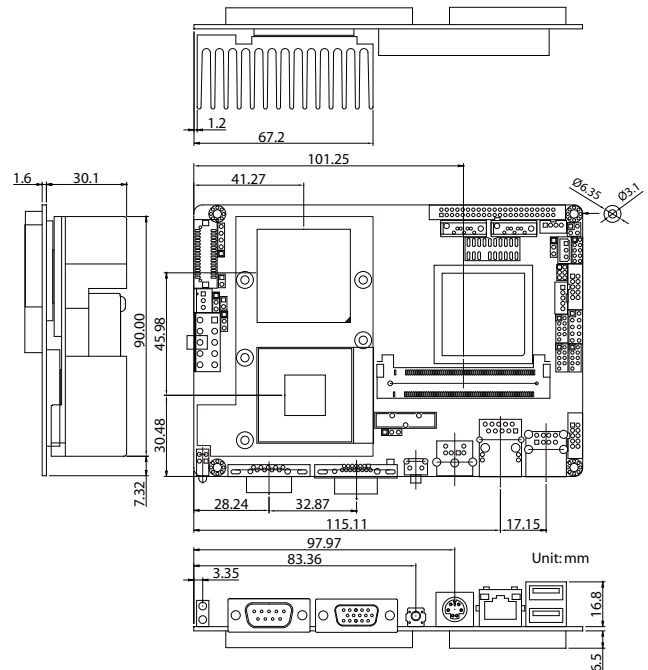
Power Requirement 2 x 5-pin ATX power connector

Operating Temp. -40 ~ 85°C (-40 ~ 185°F)

Operating Humidity 0 ~ 95% (non-condensing)

Dimension (L x W) 146 x 102 mm (5.7" x 4")

Dimensions



Ordering Information

EasyBoard-841E Socket P Intel® Core™ 2 Duo/Celeron® M 3.5" Miniboard

EasyBoard-841E/L7500 Intel® Core™ 2 Duo L7500 3.5" Miniboard

CBK-09-9651-00 Cable kit

- | | |
|--------------------|----------------------|
| 1 x COM port cable | 1 x Audio cable |
| 2 x USB cables | 1 x LPT to FDD cable |
| 1 x IDE cable | 1 x Ethernet cable |
| 1 x LPT cable | 1 x KB & MS Y-cable |

All specifications are subject to change without notice.

Computer on Module

Compact Board

Slot Board

Industrial Motherboard

Wide Temperature

SBC Daughterboard Power Connector Mounting Kit

Rugged Tablet PC

Medical PC

Industrial Panel PC/Monitor

Box PC

Industrial Chassis /Backplane/ Power supply