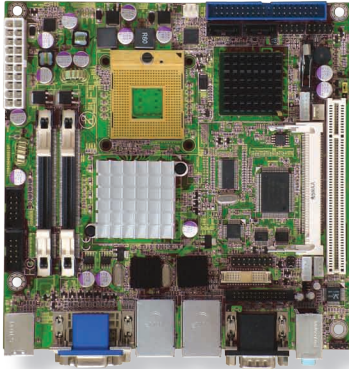




ITX-i945EC

Intel® Socket M Core™ 2 Duo Embedded Mini-ITX Motherboard



Features

- Highly Integrated Video Function (Analog RGB/DVI/LVDS)
- Support Dual Independent Displays
- Supports PCI and Mini PCI Interface
- Supports CompactFlash Type II Storage Device
- Dual Gigabit Ethernet
- Rugged Design for Shock Protection
- Cost Effective
- **Extended Operating Temp.: -20 ~ 70°C**

System

CPU	Intel® Socket M Core™ Duo/Core™ 2 Duo/Celeron® M CPU with 533/667MHz FSB
Memory	2 x 200-pin dual channels DDR2 vertical type SO-DIMM Sockets up to 4GB at 400/533/667MHz
Chipset	Intel® 945GME + ICH7M
BIOS	Phoenix-Award PnP Flash BIOS
Storage	1 x Ultra ATA 100 port 2 x Serial ATA ports with 150MB/s HDD transfer rate
Flash Disk	1 x CompactFlash Type II Socket
Watchdog Timer	1~255 levels reset

I/O

Serial Port	3 x RS-232 ports 1 x RS-422/485 selectable port
Parallel Port	SPP/EPP/ECP mode
Floppy	1 x Floppy disk port (shared with LPT port)
USB Port	8 x USB 2.0 ports
KB/MS	2 x PS/2 interfaces for Keyboard and Mouse
Expansion Bus	1 x PCI slot 1 x Mini PCI socket

Ethernet

Chipset	2 x Realtek RTL8111B PCIe Gigabit Ethernet connectors
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Audio

CODEC/Interface	Realtek ALC655 AC97 6 Channel Audio CODEC, Mic-in/Line-in/Line-out (default: Line-in is absent) Supports S/PDIF output
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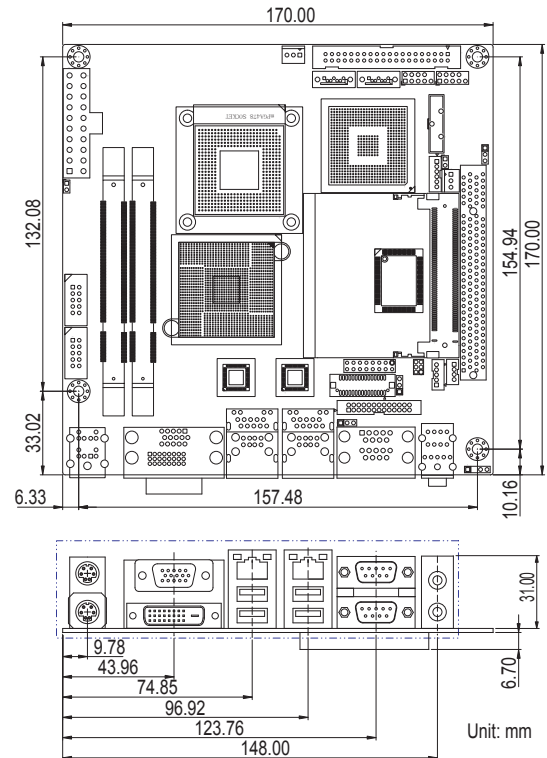
Display

Graphics Chipset	Integrated with Intel® Graphics Media Accelerator (GMA950)
Graphics Interface	Analog RGB support up to 2048 x 1536 LCD support Dual Channels 24-bit LVDS up to 1600 x 1200 DVI support 10-bit up to 1600 x 1200

Mechanical & Environmental

Power Requirement	20-pin ATX connector
Operating Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	0 ~ 95% (non-condensing)
Dimensions (L x W)	170 x 170 mm (6.7" x 6.7")

Dimensions



Ordering Information

ITX-i945EC	Intel® Socket M Core™ 2 Duo Mini-ITX motherboard
CBK-07-945E-00	Cable kit
	1 x two ports USB cable
	1 x two ports COM cable
	1 x TV-out cable
	1 x IDE flat cable
	1 x LPT to FDD cable
	1 x LPT cable
	1 x Serial ATA 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