



# EmCORE-i9651

Intel Core™ Duo/Core™ 2 Duo/Celeron M 3.5" Miniboard with CRT/LCD, Audio and Dual GbE LAN



◀ New!!

## Features

- Intel Core™ 2 Duo Mobile Processor up to FSB800MHz
- 1 x 200-pin DDRII SO-DIMM 533/667MHz up to 2GB
- Support CRT, 24-bit LVDS
- Dual Display (Independent Display)
- **Dual GbE LAN**
- 2 x SATA, 1 x PATA, 6 x USB 2.0 Ports
- 1 x Mini PCI Socket
- 2 x Serial Ports (5V, 12V Power Output Selectable)
- CompactFlash Type II
- **Extended Operating Temp.: -20 ~ 70°C**

## System

<b>CPU</b>	Support Intel Core™2 Duo Mobile processor with 800MHz FSB Support Intel Celeron M processor with 533/667MHz FSB
<b>Memory</b>	1 x 200-pin DDRII SO-DIMM 533/667MHz up to 2GB
<b>Chipset</b>	Intel GME965 + ICH8M
<b>I/O Chip</b>	1 x Winbond W83627HG
<b>BIOS</b>	AMI PnP Flash BIOS
<b>ATA/IDE</b>	1 x Ultra ATA 33, support 2 IDE devices 2 x Serial ATA ports with 300MB/s HDD transfer rate
<b>Flash Disk</b>	1 x CompactFlash Type II Socket
<b>Watchdog Timer</b>	255-level reset

## I/O

<b>Serial Port</b>	1 x RS-232 port 1 x RS-232/422/485 selectable port
<b>Parallel Port</b>	SPP/EPP/ECP mode
<b>Floppy</b>	1 x Floppy disk drive shared with parallel port
<b>USB Port</b>	6 x USB 2.0 ports
<b>KB/MS</b>	1 x 6-pin Mini-DIN connector for Keyboard and Mouse (PS/2 standard via Y-cable)
<b>Expansion Bus</b>	1 x Mini PCI socket

## Ethernet

<b>Chipset</b>	2 x Realtek RTL8111B PCIe 10/100/1000 base-T Ethernet
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## Audio

<b>Codec/Interface</b>	Realtek ALC888 HD Audio Codec, support Mic-In/Line-In/Line-out
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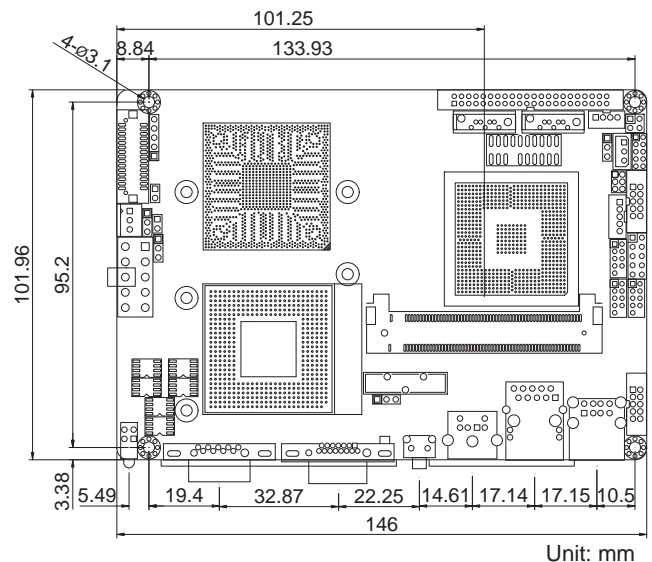
## Display

<b>Graphics Chipset</b>	Mobile Intel Graphics Media Accelerator (GMA X3100)
<b>Graphics Interface</b>	Support CRT and LVDS LCD support dual channels 24-bit LVDS Support Dual Display (Independent display)

## Mechanical & Environmental

<b>Power Input Connector</b>	2 x 5-pin ATX power connector
<b>Power Consumption</b>	w/Intel Core™ 2 Duo T7500 2.2GHZ 6.66A/5V, 0.37A/12.3V, 2.37A/3.3V
<b>Operating Temp.</b>	-20 ~ 70°C (-4 ~ 158°F)
<b>Operating Humidity</b>	0 ~ 95% (non-condensing)
<b>Dimensions (L x W)</b>	146 x 102 mm (5.7" x 4")

## Dimensions



## Ordering Information

<b>EmCORE-i9651VL2</b>	Intel Core™ Duo/Core™ 2 Duo/Celeron M 3.5" miniboard with CRT/LCD, Audio and dual GbE LAN
<b>CBK-09-9651-00</b>	Cable kit

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All specifications are subject to change without notice.

Computer on Module

Embedded Miniboard

Slot Computing

Industrial Motherboard

Wide Temperature

Cable Kit / Cooling Kit / SBC Daughter Board / Power Converter

Rugged Tablet PC

HMI / HMC

Box PC

Mobile DVR

Network Communication Appliance

Industrial Chassis / Backplane Power supply