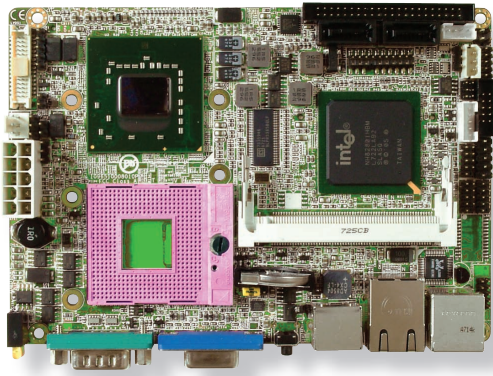




EmCORE-i9651

Intel® Core™ 2 Duo 3.5" Miniboard



Features

- Support Intel® Socket P Mobile Processors
- Dual Gigabit Ethernet
- 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)
- **Extended Operating Temp.:-20 ~ 70°C**

System

CPU	Intel® Core™ 2 Duo CPU, up to 800MHz FSB Intel® Celeron® M CPU with 533/667MHz 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 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
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Audio

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

Graphics Chipset	Integrated Intel® Graphics Media Accelerator X3100
Graphics Interface	Support Analog RGB and LVDS LCD: Dual Channels 24-bit LVDS Support dual independent displays

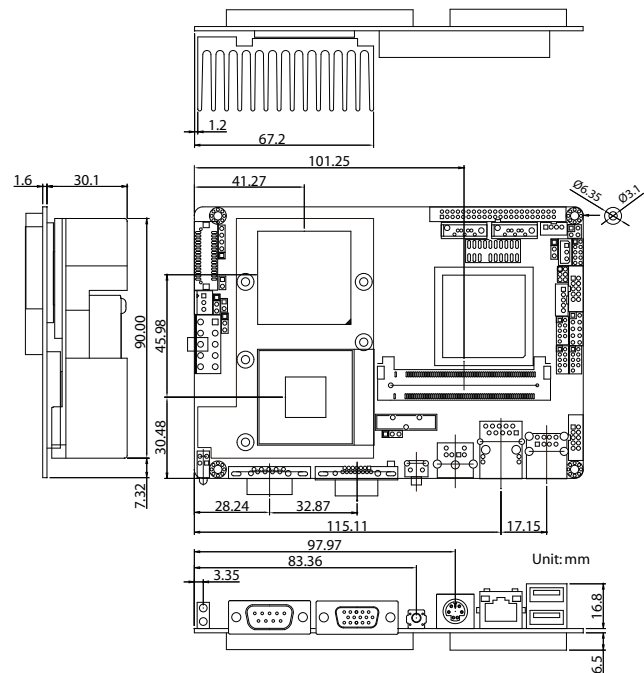
Recommended CPU list:

Core™ 2 Duo : T7500 2.20GHz with 800MHz FSB
Celeron® M: 550 2.00GHz with 533MHz FSB

Mechanical & Environmental

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

Dimensions



Ordering Information

EmCORE-i9651VL2	Socket P Intel® Core™ 2 Duo/Celeron® M 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 Parallel port cable	1 x KB & MS Y-cable
	2 x SATA cables	

All specifications are subject to change without notice.