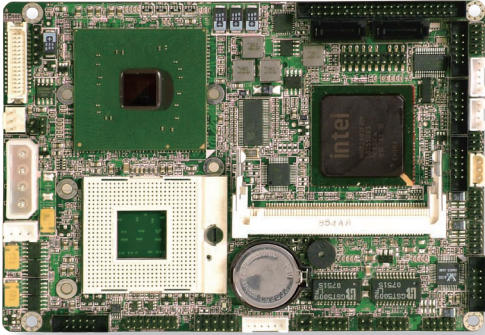




EmCORE-i9105

Intel® Pentium® M 3.5" Miniboard



Features

- Support Intel® Socket 479 Mobile Processors
- Dual Gigabit Ethernet
- Dual Channels 24-bit LVDS, and Analog RGB
- Dual Independent Displays
- Multi-expansion (2 x SATA, 1 x PATA, 6 x USB, 4 x Serial Ports, Mini PCI Socket, 1 x CF Socket)
- **Extended Operating Temp: -20 ~ 70°C**

System

CPU	Socket 479 Intel® Pentium® M/Celeron® M CPU with 400MHz FSB
Memory	1 x 200-pin DDR2 SO-DIMM Socket supporting 400MHz SDRAM up to 2GB
Chipset	Intel® 910GML + ICH6M
BIOS	Phoenix-Award PnP Flash BIOS
Storage	1 x Ultra ATA, support 2 IDE devices
	2 x Serial ATA ports with 150MB/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 W83627DHG
Serial Port	4 x COM ports (3 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	One 1 x 6-pin wafer connector for PS/2 interface Keyboard and Mouse
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 ALC655 6 Channel AC97 Audio CODEC, Mic-in/Line-in/Line-out
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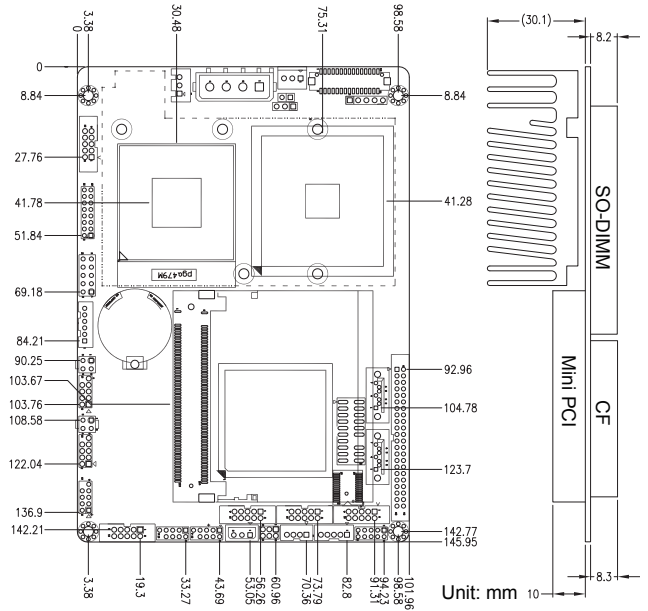
Display

Graphics Chipset	Integrated Intel® Graphics Media Accelerator 900
Graphics Interface	Analog RGB support up to 2048 x 1536 LCD: Dual Channels 24-bit LVDS

Mechanical & Environmental

Power Requirement	Big 4P AT power connector
Power Consumption	2.92A/5V, 0.54A/12.1V with Intel® Pentium® M 1.7GHz
Operating Temp.	-20 ~ 70°C (-4 ~ 158°F)
Operating Humidity	0 ~ 90% (non-condensing)
Dimension (L x W)	146 x 102 mm (5.7" x 4")

Dimensions



Ordering Information

EmCORE-i9105	Socket 479 Intel® Pentium® M/Celeron® M 3.5" Miniboard
EmCORE-i9105/CM600	Intel® Celeron® M 600MHz 3.5" Miniboard
CBK-15-9105-00	Cable kit
	2 x COM port cables 3 x USB cables
	1 x IDE cable 1 x LPT cable
	2 x SATA cables 1 x LPT to FDD cable
	1 x Audio cable 2 x Ethernet cables
	1 x KB & MS cable 1 x VGA cable

All specifications are subject to change without notice.