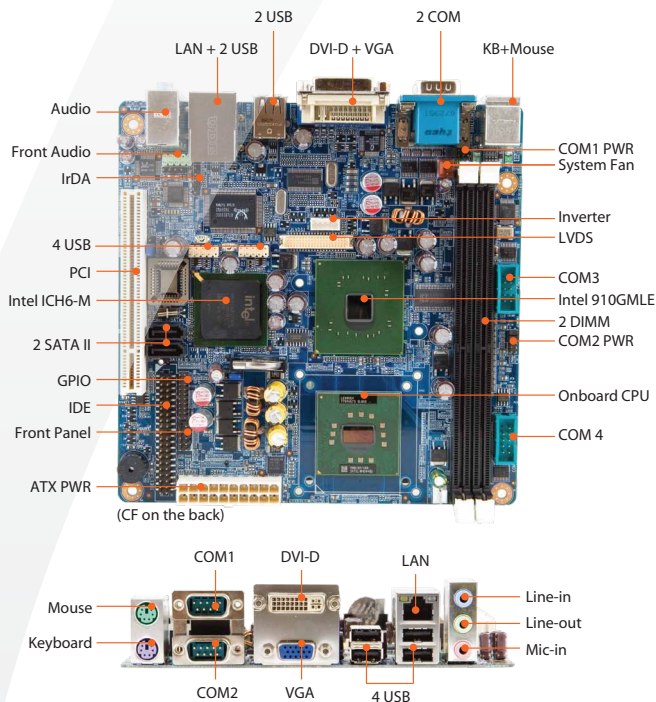


IX910GMLE

Intel® 910GMLE with Pentium® M Mini-ITX Motherboard



Features

- Onboard Intel® Pentium M CPU
- Intel® 910GMLE + ICH6-M Chipset
- Two 240-pin DDR2 DIMM 400MHz support up to 2GB
- Intel GMA900 supports versatile dual display function : DVI-D, LVDS, VGA
- Realtek ALC655, 5.1 Channel HD Audio with 3 + 3W Amplifier
- Realtek RTL8110SC Gigabit LAN
- 1 PCI supports 3 PCI Master
- 4 COM RS-232, 8 USB 2.0, 2 SATA II, 1 CF
- 16-bit GPIO embedded

Intel GMA 900

Dual Display

LVDS

DVI-D

16-bit GPIO

Powered COM

CF

GbE LAN

3+3W AMP

5.1 CH HD Audio

Specifications

System

CPU	Onboard Intel® Pentium® M/ Celeron® M CPU with 90nm process technology
FSB	400MHz
BIOS	Award 4Mb FWH BIOS
System Chipset	Intel® 910GMLE + ICH6-M Chipset
I/O Chip	Winbond W83627EHG-A
System Memory	Two 240-pin DIMM sockets support up to 2GB DDR2 400MHz SDRAM
SSD	One CompactFlash Type I/II socket
Watchdog Timer	Reset : 1 to 255 sec/min per step
H/W Status Monitor	Monitoring CPU temperature and cooling fan status. Auto throttling control when CPU overheats
Expansion	1 PCI Slot (PCI Rev. 2.2 compliant) supports 3 PCI Master
Power State	S1, S3, S4, S5
Wake up on LAN or Ring	LAN (PXE)
SmartFan Control	Yes, Speed Cruise Mode

I/O

MIO	1 IDE, 2 SATA II, 4 COM RS-232 with Power (5V/12V), 1 PS/2 Keyboard, 1 PS/2 Mouse
USB	8 USB 2.0
GPIO	PCA9555 supports 16-bit General Purpose I/O for 8-bit DI and 8-bit DO

Display

Chipset	Intel 910GMLE integrated Graphics Media Accelerator 900
Display Memory	Intel DVMT 3.0 supports up to 128 MB video memory
Resolution	2048 x 1536 (@ 85 Hz)
Dual Display	VGA + LVDS, VGA + DVI-D, LVDS + DVI-D
VGA	On board
LVDS	Intel 910GMLE supports single channel 18-bit/ dual channel 36-bit LVDS
DVI	Chrontel CH7307C supports DVI-D up to 165M pixel/sec

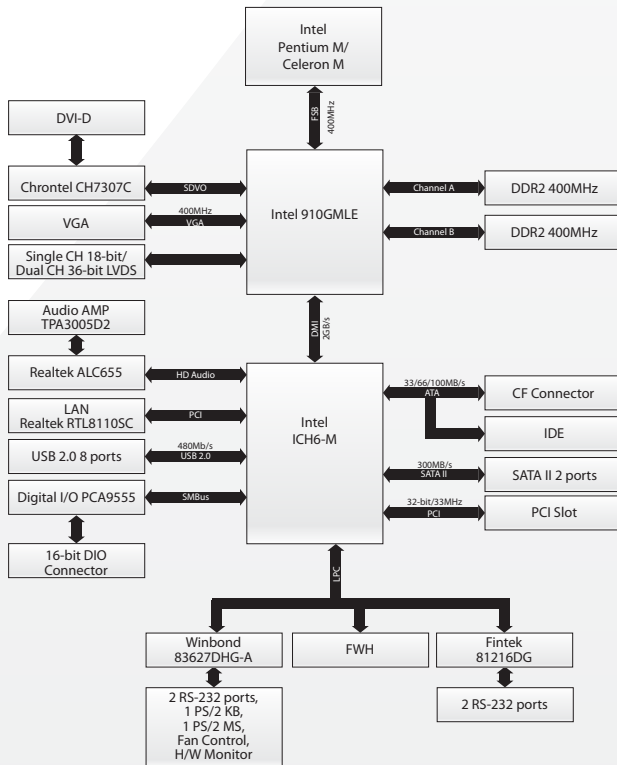
Audio

Audio Codec	Realtek ALC655, 5.1 CH HD Audio
Audio Interface	Line-in, Line-out, Mic-in
Audio Amplifier(W)	3+3W, TPA3005D2 Stereo

Ethernet

LAN	Realtek RTL8110SC Gigabit LAN
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Block Diagram



Back Panel I/O Port

- 1 PS/2 Keyboard
- 1 PS/2 Mouse
- 2 COM RS-232 Ports
- 1 DVI-D Port
- 1 VGA Port
- 1 LAN RJ45 Port
- 4 USB Ports
- Audio I/O (3 jacks)

Internal I/O Connector

- 2 USB Connectors support 4 USB Ports
- 1 IDE Connector
- 2 COM RS-232 Connectors
- 2 SATA Connectors
- 1 Front Panel Audio Connector
- 1 Audio Amplifier Connector
- 1 System Panel Connector
- 1 LVDS Connector
- 1 Inverter Power Connector
- 1 CPU Fan Connector
- 1 System Fan Connector
- 1 Digital I/O Header

Ordering Information

IX910GMLE-C6

90I-910GML-1000AB2
IX910GMLE-C6 R10 STD w/ Celeron M 600MHz/512 Cache

IX910GMLE-C10

90I-910GML-1000BB2
IX910GMLE-C10 R10 STD w/ 1GHz/ZC
90I-910GML-1000CB3
IX910GMLEV R10 1GHz/ZC w/o CF

Product Offering

until 2013

Packing List

COM Cable w/o Bracket	x 1
IDE Cable	x 1
SATA Data Cable	x 2
SATA Power Cable	x 2
I/O Shield	x 1
Driver CD	x 1
Startup Manual	x 1

Optional Accessory

14GS0300020V04	USB Cable w/ Bracket
14GS0300021V04	USB Cable w/o Bracket

Mechanical & Environmental

Power Requirement	IX910GMLE-C6			
	+12V	+5V	+3.3V	5VSB
	0.46A	2.21A	0.66A	0.59A
Power Requirement	IX910GMLE-C10			
	+12V	+5V	+3.3V	5VSB
	0.53A	2.3A	0.69A	0.59A

Power Type	ATX
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Power Connector	1 20-pin ATX Power Connector
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Operating Temperature	0 to 60°C (32 to 140°F)
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Operating Humidity	0% to 90% relative humidity, non-condensing
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Size (L x W)	6.69" x 6.69" (170 mm x 170 mm)
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Weight	0.88lbs (0.4Kg)
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