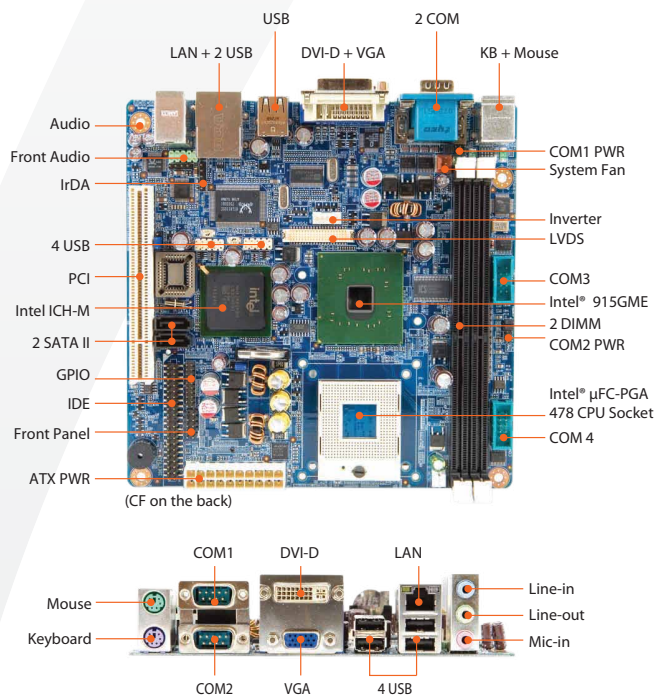


IX915GME

Intel® 915GME with Pentium® M Mini-ITX Motherboard



Features

- Socket M supports Intel® Pentium M FSB 533/ 400MHz CPU
- Intel® 915GME + ICH6-M Chipset
- Two 240-pin DDR2 DIMM 400/ 533MHz up to 2GB
- Intel GMA900 supports 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	Intel® Socket M supports Pentium® M/ Celeron® M with 90nm process technology
FSB	400/533 MHz
BIOS	Award 4Mb FWH BIOS
System Chipset	Intel® 915GME + ICH6-M Chipset
I/O Chip	Winbond W83627EHG-A
System Memory	Two 240-pin SODIMM sockets support up to 2GB DDR2 400/ 533 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 915GME 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 915GME supports single channel 18-bit LVDS/ dual channel 36-bit LVDS
DVI	Chrontel CH7307C supports DVI-D up to 165M pixels/second

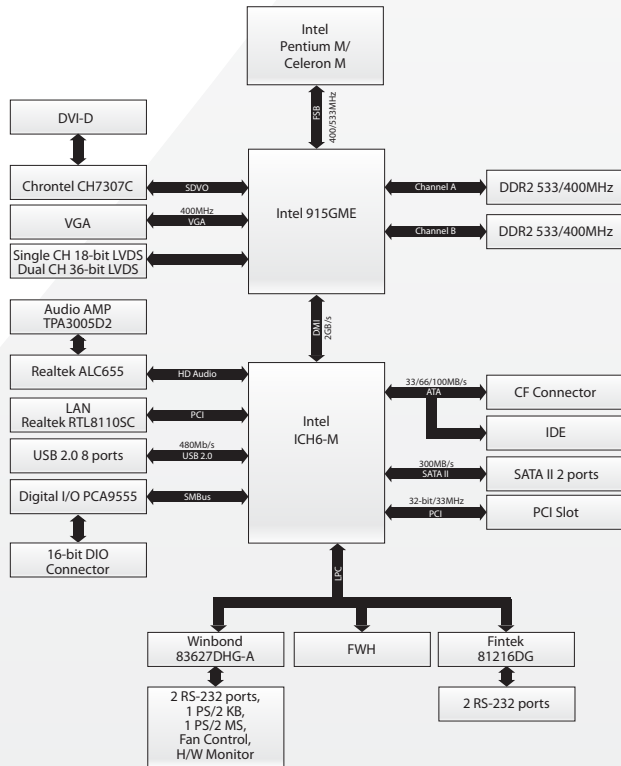
Audio

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

IX915GME

90I-915GM0-10000B2
IX915GME R10 STD MPGA 478

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

13GS0700090A11	Socket 478 CPU Cooler
14GS0300020V04	USB Cable w/ Bracket
14GS0300021V04	USB Cable w/o Bracket

Mechanical & Environmental

Power Requirement	+12V	+5V	+3.3V	5VSB
	2.19A	2.41A	0.63A	0.63A

Power Type ATX

Power Connector 1 20-pin ATX Power Connector

Operating Temperature 0 to 60°C (32 to 140°F)

Operating Humidity 0% to 90% relative humidity, non-condensing

Size (L x W) 6.69" x 6.69" (170 mm x 170 mm)

Weight 0.88lbs (0.4Kg)