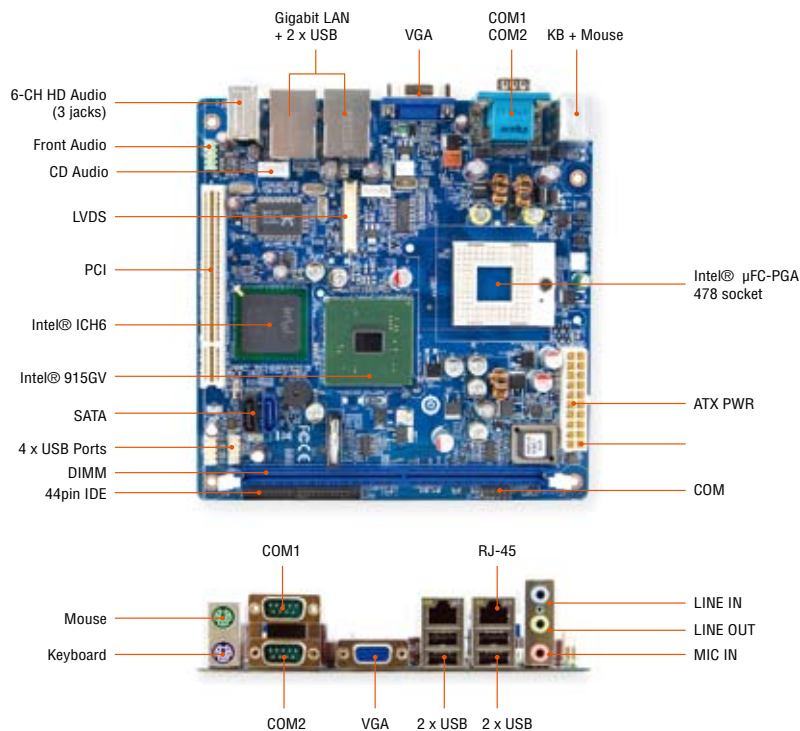


i915GV2-LEI Intel® 915GV µFC-PGA 478 Pentium® M Mini ITX Motherboard



Features

- Supports 90nm Intel® µFC-PGA 478 Pentium® M / Celeron® M CPU
- Intel® 82915GV Express Chipset
- One DIMM up to 1 GB DDR2 400/533 SDRAM
- Intel® Graphics Media Accelerator 900
- Chrontel CH7308B Supports 2-CH 24-bit LVDS
- Realtek ALC650 5.1 CH Audio
- Dual Realtek RTL8110SC Gigabit LAN
- PCI
- 2 Powered COM, 2 SATA, 8 USB

Mobile CPU

2 x 24-bit LVDS

2 x GigaLAN

Powered COM

2 SATA

Specifications

System

CPU	Supports Intel® µFC-PGA 478 Pentium® M / Celeron® M with 90nm process technology
FSB	400/533 MHz
BIOS	Award 4 Mb Flash ROM BIOS
System Chipset	Intel® 82915GV GMCH/82801FB ICH6
I/O Chip	ASUS A8000B-NW
System Memory	One 240-pin DIMM socket supports up to 1 GB DDR2 400/533 SDRAM
H/W Status Monitor	Monitoring CPU temperature and cooling fan status. Auto throttling control when CPU overheats
Expansion	One PCI slot (PCI Rev. 2.2 compliant)
S3	S3 Support
I/O	
MIO	1 x EIDE (Ultra DMA 100), 2 x SATA, 2 RS-232, 1 x K/B, 1 x Mouse (COM1-2 with Power output)
USB	8 x USB 2.0

Display

Chipset	Intel® 82915GV GMCH integrated Graphics Media Accelerator 900
Display Memory	Intel® DVMT 3.0 supports up to 128 MB video memory
Resolution	2048 x 1536 @ 32 bpp (85 Hz)
LVDS	Chrontel CH7308B supports dual channel 24-bit LVDS transmitter up to 165M pixels/second

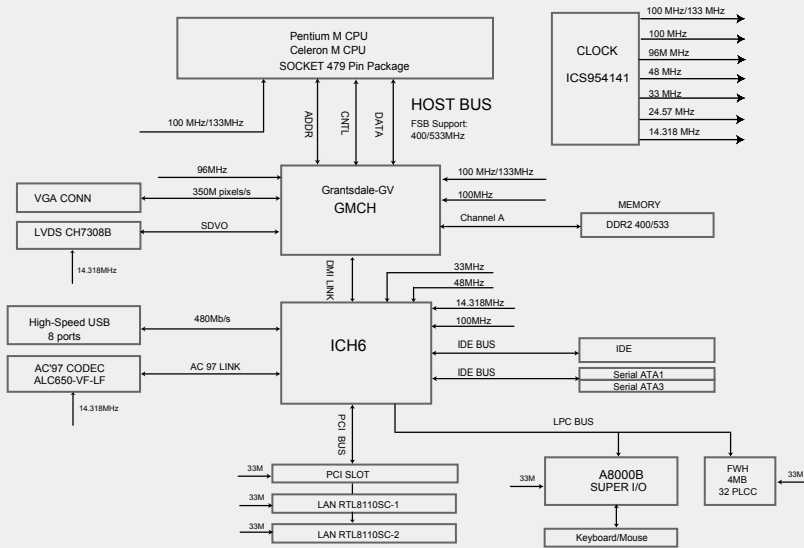
Audio

Chipset	Intel® 82801FB ICH6
AC97 Codec	Realtek ALC650 5.1 CH Audio Codec
Audio Interface	Mic in, Line in, CD Audio in, Line out

Ethernet

LAN 1	Realtek RTL8110SC Gigabit LAN
LAN 2	Realtek RTL8110SC Gigabit LAN

Block Diagram



Ordering information

i915GV2-LEI

Intel® Pentium® M / Celeron® M Mini ITX Motherboard with VGA, 2-CH LVDS, 5.1 CH Audio, Dual Gigabit LAN, PCI, 2 powered COM, & 8 USB 2.0

Packing list

80I-915GV2-0B00000	i915GV2-LEI Mini-ITX motherboard	1
14G000100915	SATA cable kit (SATA/POWER)	2
14G000002900	44-pin IDE CABLE	1

Back Panel I/O Port

- 1 x PS/2 Keyboard
- 1 x PS/2 Mouse
- 2 x RS/232 port (with 5V/12V output)
- 1 x VGA port
- 2 x RJ45 port
- 4 x USB 2.0/1.1
- Audio I/O (3 jacks)

Internal I/O Connector

- 2 x USB connectors support 4 USB ports
- 1 x 20-pin ATX Power connector
- 1 x 44-pin IDE connector for two devices
- 1 x LVDS connector
- 1 x Inverter Power connector
- 1 x COM connector
- 2 x SATA connectors
- 1 x System panel connector
- 1 x CPU Fan connector
- 1 x System Fan connector
- or 1 x NB Fan connector (optional Fan)

Mechanical & Environmental

Power Requirement	+5 V @ 3.34 A, +12 V @ 0.09 A, +3.3 V @ 3.74 A, 5 Vsb @ 0.23 A (with Intel® Pentium® M 1.8 GHz & 256 MB DDR SDRAM)
Power Type	ATX
Operating Temperature	0~60°C (32~140°F)
Operating Humidity	0%~90% relative humidity, non-condensing
Size (L x W)	6.69" x 6.69" (170 mm x 170 mm)
Weight	0.88 lbs (0.4 Kg)

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