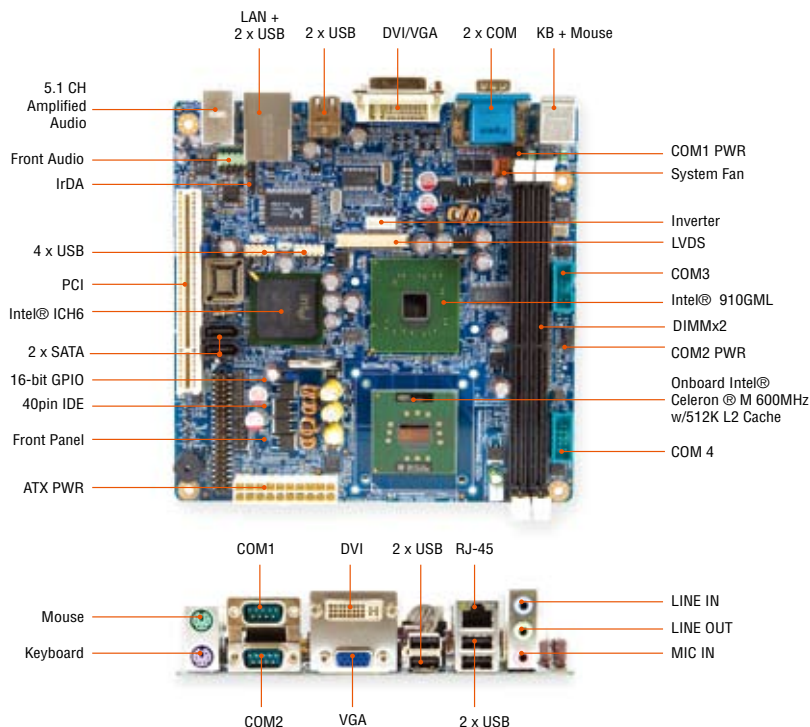


i910GML-DCQI

Intel® 910GML µFC-BGA 479 Celeron® M 600MHz
Mini ITX Motherboard



Features

- Onboard 90nm Intel® Celeron® M 600 MHz w/512K L2 Cache CPU
- Intel® 82910GML Express Chipset
- Two DIMMs up to 2 GB DDR2 400 SDRAM
- DVI, 2-CH LVDS, Dual View
- Intel® Graphics Media Accelerator 900
- Realtek ALC655 5.1 CH Amplified Audio
- Realtek RTL8110SC Gigabit LAN
- 1 PCI (supports 3 PCI Master), CF
- 4 powered COM, 8 USB, 2 SATA, 16-bit GPIO
- TPA3005D2 5W Stereo Amplifier



Specifications

System

CPU	Onboard Intel® uFC-BGA 479 Celeron® M 600MHz w/512K 2nd Level Cache
FSB	400 MHz
BIOS	Award 4 Mb Flash BIOS
System Chipset	Intel® 82910GML Express GMCH / 82801FBM ICH6-M
I/O Chip	Winbond W83627DHG-A
System Memory	Two 240-pin DIMM socket supports up to 2 GB DDR2 400 SDRAM
SSD	One CompactFlash Type I/II socket
Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
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) supports 3 PCI master
S3	S3 Support
SmartFan Control	Yes

I/O

MIO	1 xEIDE (Ultra DMA 100), 2 x SATA, 4 x RS-232, 1 x K/B, 1 x Mouse (COM1~4 with Power output)
USB	8 x USB 2.0
DIO	16-bit General Purpose I/O for DI and DO

Display

Chipset	Intel® 82910GML Express 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)
Dual Display	CRT + LVDS, or CRT + DVI-D
LVDS	Intel® 910GML Express supports dual-channel 18-bit LVDS
DVI	Chrontel CH7307C DVI transmitter up to 165M pixels/second

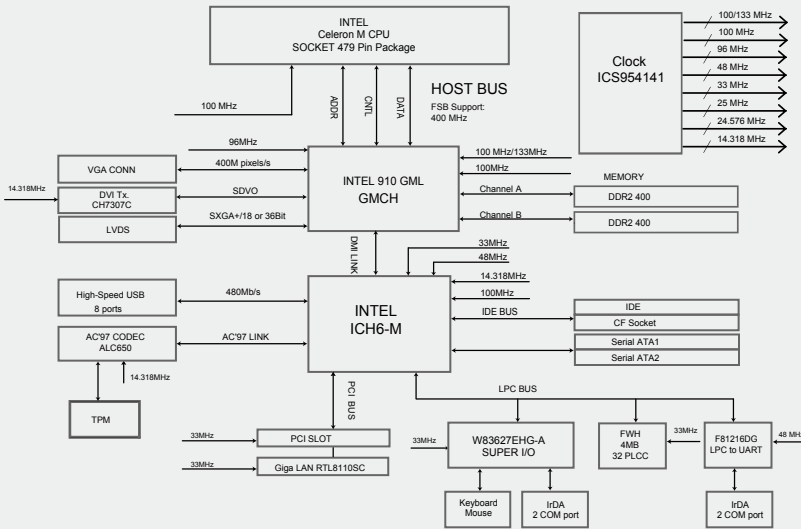
Audio

Chipset	Intel® 82801FBM ICH6-M
Audio Codec	Realtek ALC655 supports 5.1 CH Audio
Audio Interface	Mic in, Line in, Line out
Audio Amplifier	TPA3005D2 5W (per front channel) stereo amplifier

Ethernet

LAN 1	Realtek RTL8110SC PCI-E Gigabit Ethernet Controller
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Block Diagram



Ordering information

i910GM-DCQI

Intel® Celeron® 600MHz Mini ITX Motherboard with DVI/VGA, LVDS, Audio, Giga LAN, 4 powered COM, 8 USB, 16-bit GPIO, 1 PCI, CF & 5W audio amplifier

Packing list

Part Number	Description	Quantity
80I-910GML-100000	i910GML-DCQI Mini-ITX Motherboard	1
14G000020095	COM1 cable 9P, WO/bracket 26cm	2
14GS0000021Y09	Cable 40P 300mm IDE YCW-11996	1
14G000100910	SATA Cable Kit (SATA/POWER)	2

Back Panel I/O Port

- 1 x PS/2 Keyboard
- 1 x PS/2 Mouse
- 2 x RS-232 (with 5V/12V output)
- 1 x VGA port
- 1 x DVI port
- 4 x USB 2.0/1.1
- 1 x RJ45 Port
- 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 IDE 40-pin connector for two devices
- 2 x COM port header (with 5V/12V output)
- 2 x SATA connectors
- 1 x Front panel audio connector
- 1 x Audio amplifier connector
- 1 x System panel connector
- 1 x LVDS connector
- 1 x Inverter Power connector
- 1 x CPU Fan connector
- 1 x System Fan connector
- 1 x Digital IO header

Mechanical & Environmental

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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