G5G100-L10C
Intel® 910GMLE Mini-ITX Board

PROCESSOR
- Intel® Celeron® M 373 1GHz, 512K cache processor (ULV)
  - 400MHz system data bus

CHIPSET
- Intel® chipset
  - Intel® 910GMLE Graphics Memory Controller Hub (GMCH)
  - Intel® 82801FBM I/O Controller Hub (ICH6M)

SYSTEM MEMORY
- One 184-pin DDR SDRAM DIMM socket
- Supports single channel (64-bit wide) memory interface
- Unbuffered PC2700 (DDR333) DDR SDRAM DIMM
- Supports maximum of 1GB system memory using 256Mbit, 512Mbit or 1Gbit technology for x8 and x16 devices, non-ECC memory

EXPANSION SLOTS
- 1 PCI slot for PCI expansion card or customized riser card for 1, 2 or 3 PCI slots expansion (for low profile PCI card only)

ONBOARD GRAPHICS FEATURES
- Integrated display interface
  - Analog display supported
- Internal graphics features
  - Display core frequency up to 200MHz
  - Render core frequency up to 166MHz
  - Dynamic Video Memory Technology (DVMT) 3.0
  - Intel GMA900

ONBOARD AUDIO FEATURES
- Realtek ALC655
- 16-bit stereo full-duplex codec with independent variable sampling rate
- S/PDIF-in/out interface
- 5.1-channel audio output

ONBOARD LAN FEATURES
- RTL8110SC Gigabit ethernet controller
- Supports 10Mbps, 100Mbps and 1Gbps data transmission
- IEEE 802.3 (10/100Mbps) and IEEE 802.3ab (1Gbps) compliant

SERIAL ATA INTERFACE
- Supports two Serial ATA interfaces which are compliant with SATA 1.0 specification
- Data transfer rate up to 1.5Gb/s

IDE INTERFACE
- Supports up to UltraDMA 100Mbps hard drives
- PIO Mode 4 Enhanced IDE (data transfer rate up to 14MB/sec.)

REAR PANEL I/O PORTS
- 1 mini-DIN-6 PS/2 mouse port
- 1 mini-DIN-6 PS/2 keyboard port
- 3 DB-9 serial ports
- 1 DB-15 VGA port
- 1 RJ45 LAN port
- 4 USB 2.0/1.1 ports
- Mic-in, line-in and line-out

I/O CONNECTORS
- 2 connectors for 4 additional external USB 2.0/1.1 ports
- 1 connector for 1 external serial port
- 1 front audio connector for line-out and mic-in jacks
- 1 CD-in connector
- 1 S/PDIF-in/out connector
- 2 Serial ATA connectors
- 1 IrDA connector
- 1 40-pin IDE connector
- 1 floppy connector (FPC type)
- 1 20-pin ATX power connector
- 1 front panel connector
- 1 chassis open connector
- 3 fan connectors

BIOS
- Award BIOS
- 4Mbit flash memory

ENERGY EFFICIENT DESIGN
- Supports ACPI specification and OS Directed Power Management
- Supports ACPI STR (Suspend to RAM) function
- Wake-On-Events include:
  - Wake-On-USB Keyboard from S3
  - Wake-On-Ring
  - Wake-On-PCI-Event
  - RTC timer to power-on the system
- System power management supported
- Microsoft®/Intel® APM 1.2 compliant
- Soft Power supported - ACPI v1.0a specification
- AC power failure recovery

DAMAGE FREE INTELLIGENCE
- Monitors CPU/system temperature and overheat alarm
- Monitors CPU(V)/1.5V/3.3V/5V/12V/-12V/VBAT(V)/5VSB(V) voltages and failure alarm
- Monitors CPU/chassis/2nd fan speed and failure alarm
- Read back capability that displays temperature, voltage and fan speed

TEMPERATURE
- 0ºC to 60ºC

HUMIDITY
- 10% to 90%

PCB
- 6 layers, Mini-ITX form factor
- 17cm (6.7") x 17cm (6.7")

SAFETY
- UL, cUL, FCC Class B, CE

REAR PANEL I/O PORTS

PS/2 Mouse COM 1 COM 4 LAN Mic-in Line-in Line-out
USB 4
PS/2 K/B COM 2 VGA USB 1-2 USB 3