

## SR100-L20C Intel® GLE960 Mini-ITX Board

### PROCESSOR

- Intel® Celeron® M 550 2.0GHz 1MB cache mobile processor (bundled with board)
  - 533MHz system data bus
- Processor socket: mPGA478P

### CHIPSET

- Intel® chipset
  - Intel® GLE960 Express chipset
  - Intel® 82801HBM I/O Controller Hub (ICH8M)

### SYSTEM MEMORY

- One 200-pin SODIMM socket
- Supports 533MHz DDR2 SDRAM
- Supports maximum of 2GB system memory

### EXPANSION SLOTS

- 1 PCI slot for PCI expansion card or customized riser card for 1, 2 or 3 PCI slots expansion

### ONBOARD GRAPHICS FEATURES

- Internal graphics feature
  - Mobile Intel® Graphics Media Accelerator X3100
  - Dynamic Video Memory Technology 4.0
  - Microsoft DirectX 9x
  - OpenGL 1.5
- Integrated graphics interface
  - Analog CRT
    - 400MHz GFX render
  - Analog monito supports up to QXGA (2048x1536@60Hz)
  - DVI (supports DVI-D signal only)
    - DVI 1.0 support for external digital monitor

### ONBOARD AUDIO FEATURES

- Realtek ALC262 2-channel High Definition Audio
- Two 24-bit stereo DACs and three 20-bit stereo ADCs
- S/PDIF input/output interface

### ONBOARD LAN FEATURES

- One Realtek RTL8111B PCI Express Gigabit controller
- Supports 10Mbps, 100Mbps and 1Gbps data transmission
- IEEE 802.3 (10/100Mbps) and IEEE 802.3ab (1Gbps) compliant

### SERIAL ATA INTERFACE

- Three Serial ATA ports, compliant with SATA 1.0a specification
- Data transfer rate up to 3Gb/s
- Supports Advanced Host Controller Interface (AHCI)

### IDE INTERFACE

- Supports up to two IDE devices
- Supports Ultra ATA 100/66/33

### REAR PANEL I/O PORTS

- 1 mini-DIN-6 PS/2 mouse port
- 1 mini-DIN-6 PS/2 keyboard port
- 2 DB-9 serial ports (RS232/Power)
- 1 DB-15 VGA port
- 1 DVI-I port (DVI-D signal only)
- 1 RJ45 LAN port
- 4 USB 2.0/1.1 ports
- Mic-in, line-in and line out jacks

### I/O CONNECTORS

- 2 connectors for 4 additional external USB 2.0/1.1 ports
- 1 front audio connector for line-out and mic-in jacks
- 1 CD-in internal audio connector
- 1 S/PDIF connector
- 3 Serial ATA connectors
- 1 40-pin IDE connector
- 1 20-pin ATX power connector
- 1 front panel connector
- 1 chassis intrusion connector
- 2 fan connectors

### BIOS

- Award BIOS
- 8Mbit flash memory

### ENERGY EFFICIENT DESIGN

- Supports ACPI specification 2.0/1.0
- Supports ACPI STR (Suspend to RAM) function
- Wake-On-Events include:
  - Resume-On-PS/2 Keyboard/Mouse
  - Wake-Up by PCI card
  - Power-On by Ring
  - PCI Express PME
  - USB KB/MS wake-up from S3
  - RTC timer to power-on the system
- AC power failure recovery

### DAMAGE FREE INTELLIGENCE

- Monitors CPU/system temperature and overheat alarm
- Monitors CPU(V)/3.3V/5V/12V/VBAT(V)/5VSB(V) voltages and failure alarm
- Monitors CPU/system fan speed and failure alarm
- Read back capability that displays temperature, voltage and fan speed
- Watchdog timer function

### TEMPERATURE

- 0°C to 60°C

### HUMIDITY

- 10% to 90%

### PCB

- 8-layers, Mini-ITX form factor
- 170mm (6.7") x 170mm (6.7")

### REAR PANEL I/O PORTS

