

SR330-N

Intel® GME965 microATX Board

PROCESSOR

- Intel® Core™2 Duo mobile processor
 - 800/533MHz system data bus
- Intel® Celeron® M 500 series processor
- Processor socket: mPGA478P

CHIPSET

- Intel® chipset
 - Intel® GME965 Express chipset
 - Intel® 82801HBM I/O Controller Hub (ICH8M)

SYSTEM MEMORY

- Two 240-pin DDR2 DIMM sockets
- Supports 533MHz and 667MHz DDR2 SDRAM
- Supports maximum of 4GB system memory

BIOS

- Award BIOS
- 8Mbit SPI flash memory

ENERGY EFFICIENT DESIGN

- Supports ACPI specification 2.0/1.0
- Wake-On-Events include:
 - Wake-On-PS/2 Keyboard/Mouse
 - Wake-On-USB
 - Wake-On-LAN
 - Wake-On-Ring
 - RTC timer to power-on the system
- Enhanced Intel® SpeedStep Technology
- Intel® Rapid Memory power management
- Dynamic FSB frequency switching
- 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/2nd fan speed and failure alarm
- Read back capability that displays temperature, voltage and fan speed
- Watchdog timer function

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
 - Integrated 300MHz RAMDAC
 - Analog monitor supports up to QXGA (2048x1536@60Hz)
 - LVDS
 - 25MHz-112MHz single/dual channel, TFT panel type support
 - Single/Dual channel LVDS interface support: 2 x 24 bpp panel supports up to WUXGA (1920x1200@65Hz) or UXGA (1600x1200@75Hz)
 - 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

- Two Realtek RTL8111C PCI Express Gigabit controllers
- 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
 - Pins 1 and 9 of COM2 functions as RS232 signal or power (selectable via jumper)
- 1 DB-15 VGA port
- 1 DVI-I port (DVI-D signal only)
- 2 RJ45 LAN ports
- 4 USB 2.0/1.1 ports
- Mic-in, line-in and line out jacks

I/O CONNECTORS

- 3 connectors for 6 additional external USB 2.0/1.1 ports
- 2 connectors for external serial ports
 - COM3 supports RS232/422/485
- 1 LCD brightness control connector
- 1 LVDS LCD panel connector
- 1 LCD/inverter power connector
- 1 LCD AUX power connector
- 1 DIO connector
- 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 IrDA connector
- 1 40-pin IDE connector
- 1 FDD connector
- 1 parallel connector
- 1 24-pin ATX power connector
- 1 front panel connector
- 1 chassis intrusion connector
- 3 fan connectors

EXPANSION SLOTS

- 1 PCI Express x16 slot
- 1 PCI Express x4 slot
- 2 PCI slots

TEMPERATURE

- 0°C to 60°C

HUMIDITY

- 10% to 90%

PCB

- 6-layers, microATX form factor
- 244mm (9.6") x 244mm (9.6")

REAR PANEL I/O PORTS

