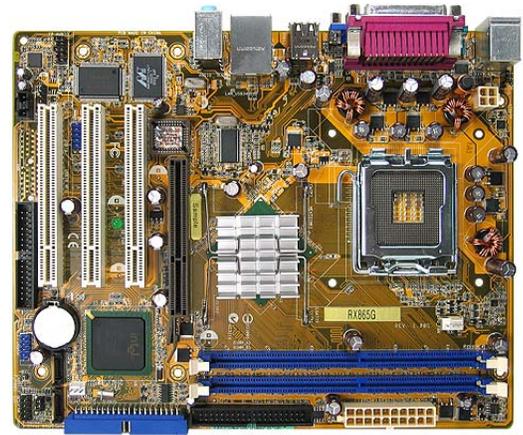# Micro ATX Motherboard

RX865G

Intel® Core™ 2 Duo/Pentium® D/ Pentium® 4/
Celeron® D LGA 775 Socket Micro ATX Motherboard

Features

- Intel® Core™ 2 Duo/ Pentium® D / Pentium® 4 / Celeron® D LGA 775 Socket CPU with 533/800MHz FSB
- Intel® 82865G GMCH + Intel® 82801EB ICH5 Chipsets
- 2 x DIMM up to 2GB Dual Channel DDR Non ECC
- Intel® Extreme Graphics 2
- AD1888 AC'97 support 6 CH Audio
- Marvell 88E8001 Gbit LAN
- 1 x AGP 8X/ADD, 1 x VGA
- 2 x SATA, 3 x PCI, 8 x USB, 1 x COM
- Micro ATX Form Factor (9.6" x 7.6")
- RoHS Compliant

RoHS Compliant

| Gigabit LAN | AGP 8X | 3 PCI | 2 SATA | 2 IDE | 1 COM | 6 CH Audio |

Specifications

System

CPU	Intel® Core™ 2 Duo/ Pentium® D / Pentium® 4 / Celeron® D LGA 775 Socket with 90nm process technology
	533/800MHz
Core Logic Chipsets	Intel® 82865G GMCH
	Intel® 82801EB ICH5
System Memory	2 x 184-pin DIMM sockets support up to 2GB Dual Channel DDR 266/333/400 SDRAM
BIOS	Award 512 KB Flash BIOS
Expansion Interface	1 x AGP 8X
	3 x PCI slots (PCI Rev. 2.2 compliant)
Additional Features	Watchdog Timer: Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
	H/W Status Monitor: Monitoring temperatures, voltages, and cooling fan status. Auto throttling control when CPU overheats.

Onboard I/O

PS/2	1 x K/B, 1 x Mouse
IDE	2 x EIDE (Ultra DMA 100)
USB	8 x USB 2.0 ports
SATA	2 x SATA
Parallel Port	1 x LPT
Serial Port	1 x RS-232

Display

Chipset	Intel® 82865G GMCH integrated Extreme Graphics 2
Display Memory	Intel® DVMT 2.0 supports 64 MB video memory
Resolution	1600 x 1200 @ 32 bpp (85 Hz)
VGA/LCD Interface	1 x DB-15 VGA Connector, 1 x AGP 8X VGA Slot
LVDS	Through ADD Card
DVI	Through ADD Card
TV-Out	Through ADD Card

Audio

AC'97 Codec	AD1888 support 6 CH Audio
Audio Interface	Mic-In, Line-In, CD Audio-In, Line-Out

Ethernet

Chipset	Marrell 88E8001
Speed	10/100/1000Mbps

Mechanical and Environment

Power Supply Voltage	+5 V @ 5.14 A, +12 V @ 5.25 A, +3.3 V @ 0.59 A (with Intel® Celeron® D 2.93 GHz & 512 MB DDR SDRAM)
Power Type	ATX
Operating Temperature	0~60°C (32~140°F)
Operating Humidity	0%~90% relative humidity, non-condensing
Form Factor	Micro ATX
Dimensions	9.6" x 7.6"
Weight	1.10 lbs (0.4 Kg)

Ordering Information

Part Number	Description
RX865G	Intel® 865G/ICH5 chipsets, 1 Gbit LAN, 1 APG, 3 PCI, 2 IDE, 2 SATA, 8 USB, 1 COM

* All product specifications are subject to change without notice. Last update: 10/23/06

Consistency   ●   Quality   ●   Long-life