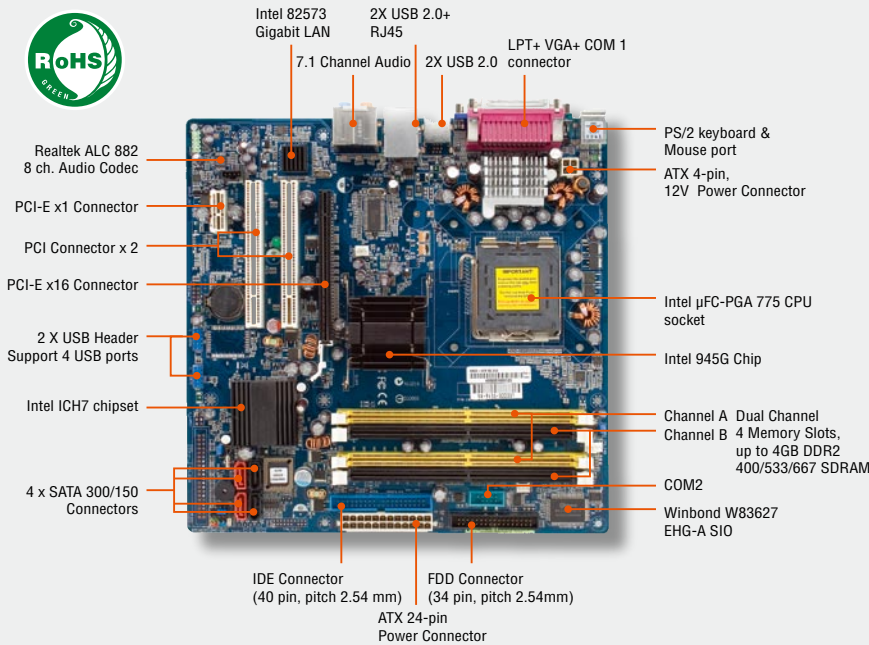


**RX945G****Intel® 945G LGA775 Core™ 2 Duo /  
Pentium® D / Pentium® 4 / Celeron® D Micro ATX Main Board**

## Features

Supports 65nm Intel® µFC-LGA-LGA775 Core™ 2 Duo / Pentium® D / Pentium® 4 / Celeron® D CPU

Intel® 82945G Chipset

Four DIMMs up to 4 GB Dual Channel DDR2 400/533/667 SDRAM

Intel® Graphics Media Accelerator 950

Intel® HD 7.1 CH Audio, S/PDIF

Intel® 82573L Gigabit LAN

1 PCI Express x16, 1 PCI-Express x1, 2 PCI

2 COM, 8 USB 2.0, 4 SATA



## Specifications

### System

• CPU	Supports Intel® µFC-LGA-LGA 775 Core™ 2 Duo / Pentium D / Pentium 4 / Celeron D with 65 nm process technology
• FSB	533/800/1066 MHz
• BIOS	Award™ 1 MB Flash BIOS
• System Chipset	Intel® 82945G GMCH/ ICH7
• I/O Chip	Winbond® W83627EHG-A
• System Memory	Four 240-pin DIMM sockets support up to 4 GB Dual Channel DDR2 400/533/667 SDRAM
• 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
• Expansion	One PCI Express X16, one PCI Express X1, two PCI slots (PCI Rev. 2.2 compliant)

### I/O

• MIO	2 x EIDE (Ultra DMA 100), 4 x SATA, 1 x FDD, 1 x LPT, 2 x RS-232, 1x K/B, 1 x Mouse
• USB	8 x USB 2.0 ports

### Display

• Chipset	Intel® 82945G GMCH integrated Graphics Media Accelerator 950
• Display Memory	Intel® DVM T 3.0 supports 224 MB video memory
• Max. 3D Resolution	2048 x 1536 @ 32 bpp (85 Hz)
• VGA/LCD Interface	PCI-E X16 VGA interface
• DVI	Through ADD2 Card

### Audio

• Chipset	Intel® ICH7
• AC97 Codec	Realtek ALC 882, 7.1 CH High-Definition Audio Codec
• Audio Interface	Mic in, Line in, CD Audio in, Line out, S/PDIF

### Ethernet

• LAN 1	Intel® 82573 Gigabit LAN
• Ethernet Interface	1000Base-T Fast Ethernet compatible: Intel® 82573

### Mechanical & Environmental

• Power Consumption	+5 V @ 3.57 A, +12 V @ 0.27 A, +3.3 V @ 0.47A 5 Vsb@0.69A (with Intel® Pentium® D 2.8 GHz & 1GB MB DDR2 SDRAM)
• Power Type	ATX
• Operating Temperature	0~60°C (32~140°F)
• Operating Humidity	0%~90% relative humidity, non-condensing
• Size (L x W)	9.6" x 9.6" (243.84 mm x 243.84 mm)
• Weight	0.88 lbs (0.4 kg)

## Ordering Information

### • RX945G

Intel® 945G LGA775 Core™ 2 Duo / Pentium® D / Pentium® 4 / Celeron® D Micro ATX MainBoard with VGA, 7.1CH Audio, Gb LAN, 8USB& 4SATA.