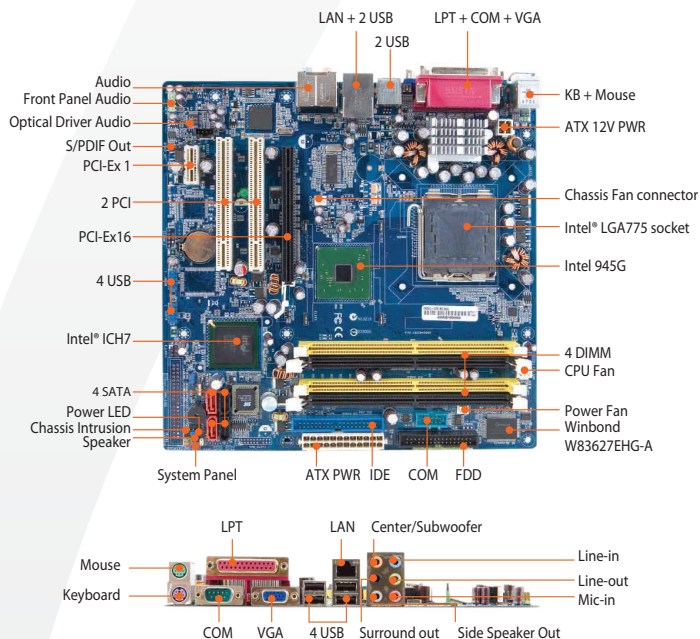


RX945G

Intel® 945G with Core™2 Duo Micro-ATX Motherboard



Features

- Socket 775 supports Intel® Core™2 Duo, FSB 533/ 800/ 1066MHz CPU
- Intel® 945G + ICH7 Chipset
- Four 240-pin DDR2 DIMM 533/ 667MHz, up to 4GB
- Intel Graphic Media Accelerator 950
- Realtek ALC888, 5.1 + 2 Channel with 2 independent HD Streaming Audio
- Intel 82573L Gigabit LAN
- 1 PCI-E x 16, 1 PCI-E x 1, 2 PCI, 1 LPT
- 2 COM RS-232, 8 USB 2.0, 4 SATA II

Intel GMA 950

PCI-E x 16

PCI x 1

PCI

Intel GbE LAN

5.1 + 2 Audio

Specifications

System

CPU	Intel® LGA775 socket supports Core™2 Duo/ Pentium® D/ Pentium® 4/ Celeron® D with 65nm process technology
FSB	1066/800/533 MHz
BIOS	AMI/Award 16Mb SPI BIOS
System Chipset	Intel® 945G + ICH7 Chipset
I/O Chip	Winbond W83627EHG-A
System Memory	Four 240-pin DIMM sockets support up to 4GB dual channel DDR2 667/533 SDRAM
Watchdog Timer	Reset : 1 to 255 sec/min per step
H/W Status Monitor	Monitoring temperature, voltage, and cooling fan status. Auto throttling control when CPU overheats
Expansion	1 PCI-E x 16, 1 PCI-E x 1, 2 PCI (PCI Rev. 2.2 compliant)
Power State	S1, S3
Wake up on LAN or Ring	LAN (PXE) and Ring
SmartFan Control	Yes

I/O

MIO	1 IDE, 4 SATA II, 2 COM RS-232, 1LPT, 1 FDD, 1 PS/2 Keyboard, 1 PS/2 Mouse
USB	8 USB 2.0

Display

Chipset	Intel 945G integrated Graphic Media Accelerator 950
Display Memory	Intel DVMT 3.0 supports up to 224MB video memory
Max. Resolution	2048 x 1536 @ 32 bpp (85 Hz)
VGA	On board
LVDS	Through ADD2 LVDS Card
DVI	Through ADD2 DVI Card
2nd VGA	Through ADD2 VGA Card

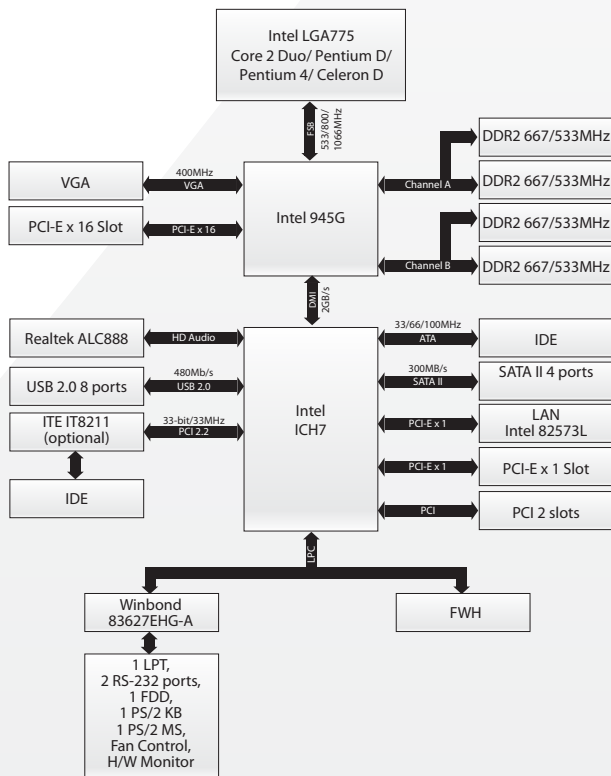
Audio

Audio Codec	Realtek ALC888, 5.1 + 2 CH HD Audio
Audio Interface	Line-in, Line-out, Mic-in, CD Audio-in, Side/Rear Speaker-out (6 jacks)

Ethernet

LAN	Intel 82573L Gigabit LAN
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Block Diagram



Ordering Information

RX945G
90M-945G00-10000B2
RX945G R20 STD LGA775

Product Offering

until 2013

Packing List

SATA Data Cable	x 1
SATA Power Cable	x 1
SATA Cable	x 1
COM Cable	x 1
IDE Cable	x 1
FDD Cable	x 1
I/O Shield	x 1
Driver CD	x 1
Startup Manual	x 1

Optional Accessory

14GS0300020V04	USB Cable w/ Bracket
14GS0300021V04	USB Cable w/o Bracket

Back Panel I/O Port

- 1 PS/2 Keyboard
- 1 PS/2 Mouse
- 1 LPT
- 1 COM RS-232 Port
- 1 VGA Port
- 1 LAN RJ45 Port
- 4 USB Ports
- Audio I/O (6 jacks)

Internal I/O Connector

- 2 USB Connectors supports 4 USB Ports
- 1 FDD Connector
- 1 IDE Connector for two devices
- 1 COM RS-232 Connectors
- 1 Chassis Intrusion Connector
- 1 CD Audio-in Connector
- 1 TPM Connector
- 4 SATA Connectors
- 1 Front Panel Audio Connector
- 1 S/PDIF Out Connector
- 1 System Panel Connector
- 1 CPU Fan Connector
- 1 System Fan Connector
- 1 Power Fan Connector
- 1 Speaker Connector

Mechanical & Environmental

Power Requirement	+12V	+5V	+3.3V	5VSB
	4.23A	5.25A	1.78A	1.48A

Power Type ATX

Power Connector 1 24-pin ATX Power Connector
1 4-pin ATX 12V Power Connector

Operating Temperature 0 to 50°C (32~122°F)

Operating Humidity 0% to 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)