

# INTEL Powered Gaming Solutions

945GCM2S-A2-6CH Micro ATX Motherboard Series



Intel Core 2 Duo / PCI-E x16 / 1066 MHz FSB

## Overview

- Supports Intel Core 2 Duo processor (65nm & 90nm)
- Supports up to 1066 MHz FSB
- Supports PCI Express x16 for ultimate GPU computing performance
- Supports 4 Serial ATA2 Devices
- Dual Channel DDR2 expandable up to 2 GB
- AC' 97 6-Channel Audio CODEC
- HD 8-Channel Audio (optional)
- Up to 224 MB shared video memory
- DVI support (optional)
- CPU Thermal Throttling to protect CPU from overheating.
- CPU Smart Fan to reduce fan noise.
- CPU Vcore 7-Shift allows CPU voltage to be adjusted for over-clocking.



## Specifications

<b>Form Factor</b>	Micro ATX 24.4 cm x 21.0 cm
<b>CPU</b>	Supports Intel Pentium 4, Celeron D, Pentium D, and Core 2 Duo Socket type: 775
<b>Memory</b>	2 * Dual Channel 240-pin DIMM Sockets for unbuffered DDR2 667 SDRAM up to 2 GB
<b>Chipset</b>	Intel 945GC North bridge Chipset and Intel ICH7 South bridge Chipset
<b>PCI enhanced IDE</b>	2 * Ultra DMA 100 / 66 / 33 IDE Devices Support
<b>Serial ATA Interface</b>	4 * Serial ATA2 Devices Support
<b>VGA Interface</b>	Intel Graphics Media Accelerator 950 with up to 224 MB shared video memory
<b>Audio Interface</b>	Realtek ALC662-GR AC' 97 6-Channel Audio CODEC
<b>LAN Interface</b>	Realtek RTL8101E-GR PCI-E 10/100 LAN
<b>Extended Interface</b>	2 * 32-bit PCI Slot 1 * PCI Express x16
<b>Internal I/O Port</b>	2 * High Speed USB Connectors @ 480 M-bit / s for 4 USB 2.0 Ports CPU Fan (W / Smart Fan Function) / SYS Fan 1,2 Connectors 1 * 25-pin Parallel connector 1 * 12V 4-pin ATX Power Connector and 1 * 24-pin ATX Power Connector CD / AUX Audio in 1 * Floppy Connector
<b>External I/O Port</b>	4 * High Speed USB Connectors @ 480 Mbit / s 1 * Serial COM Port 1 * RJ45 over USB Connector 1 * D-Sub 15-pin VGA Connector 1 * PS/2 Mouse & 1 * PS/2 Keyboard 1 * Audio I/O
<b>BIOS</b>	Award 4 MB Flash ROM
<b>Power Requirement</b>	Standard 24-Pin ATX Power supply

\* The specification may be changed without further notice.

\* For further information, please go to <http://www.jetwaycomputer.com>

\* To contact us, please call at (510) 857 - 0130