

## IMB-G41A

microATX motherboard supports 45nm LGA775 Intel® Core™2 Quad CPU with a 1333/1066/800 MHz FSB



### Features

- » Support for the next-generation 45nm Intel® Core™2 processor family with faster system performance
- » Intel® GMA X4500 delivers an excellent blend of graphics performance
- » Integrated VGA and PCIe x16 SDVO add-on card for dual display
- » Diverse I/O interfaces, including 10 COM ports, four SATA 3Gb/s ports
- » Support dual-channel DDR3 SDRAM DIMM up to 8 GB (max.)
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

### Specifications

|                 |                                              |
|-----------------|----------------------------------------------|
| Display         | Display                                      |
| System          | CPU                                          |
| Chipset         | Intel® G41 + ICH7                            |
| Memory Max.     | Two 240-pin 800/1066MHz                      |
|                 | dual-channel DDR3 SDRAM                      |
|                 | DIMM (system max. 4GB)                       |
| Storage         | 4 x SATA 3Gb/s                               |
|                 | 1 x IDE                                      |
| CPU Socket      | LGA775                                       |
| I/O Interface   | Ethernet                                     |
| Digital I/O     | 8-bit digital I/O (4-bit input/4-bit output) |
| Audio           | Realtek ALC888 HD Audio codec                |
| I/O Interface   | 9 x RS-232                                   |
|                 | 1 x RS-232/422/485                           |
|                 | 8 x USB 2.0                                  |
|                 | 1 x LPT                                      |
|                 | 1 x Infrared interface                       |
|                 | 1 x PS/2 KB & MS                             |
| Power           | Power consumption                            |
| Environment     | Operating Temperature                        |
| Humidity        | 5% ~ 95%, non-condensing                     |
| Option          | iRIS                                         |
| Expansion Slots | Expansion Slots                              |
| FSB             | FSB                                          |
| Watchdog Timer  | Watchdog Timer                               |

|                     |               |
|---------------------|---------------|
| CPU Cooler          | CPU Cooler    |
| I/O Interface       | I/O Interface |
| 8 x Internal RS-232 |               |
| KB/MS               |               |
| 1 x LPT             |               |
| 1 x RS-232          |               |

## Ordering Information

|              |                                                                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IMB-G41A-R10 | Micro ATX Motherboard supports 45nm LGA775 Intel Core 2 Quad CPU with a 1333/1066/800MHz FSB,PCIe x16,PCIe x1,2 PCI,10 COM,Dual PCIe GbE,SATAII and Audio,RoHS |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|