

## IMBA-G412ISA

ATX motherboard supports LGA775 Intel® Core™ 2 Duo/Quad processor with 1333 MHz FSB



### Features

- » Support 45nm LGA775 Intel® Core™ 2 processor family with higher system performance
- » Intel® GMA X4500 delivers an excellent blend of graphics performance
- » Integrated VGA and PCIe x16 SDVO card interface for dual display
- » Support dual-channel DDR3 800/1066 MHz up to 8 GB
- » TPM V1.2 hardware security function supported by TPM module
- » Expansion capability supports either five PCI slots plus one ISA slot or four PCI slots plus two ISA slots
- » 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. 8GB)                            |
| Storage       | 4 x SATA 3Gb/s                               |
|               | 1 x IDE                                      |
|               | 1 x CF Type II                               |
| 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 | 5 x RS-232                                   |
|               | 1 x RS-422/485                               |
|               | 8 x USB 2.0                                  |
|               | 1 x LPT                                      |
|               | 1 x Infrared interface                       |
|               | 1 x PS/2 KB & MS                             |
|               | 1 x 6-pin wafer for PS/2 KB &                |
|               | MS                                           |
|               | 1 x TPM connector (2x10 pin)                 |
| 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            |
| 4 x Internal RS-232  |                          |
| 4 x USB 2.0          |                          |
| 1 x SMBus            |                          |
| 1 x RS-232           |                          |
| 4 x Internal USB 2.0 |                          |
| 1 x LPT              |                          |

## Ordering Information

|                  |                                                                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IMBA-G412ISA-R20 | ATX motherboard supports LGA775 Intel Core 2Duo/Core-2 Quad CPU up to FSB 1333MHz,DDR3,dual PCIe GbE,ISA,PCI,PCIe x 16,COM,LPT,SATA 3Gb/s,IDE,USB 2.0,audio,core8 BIOS,RoHS |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|