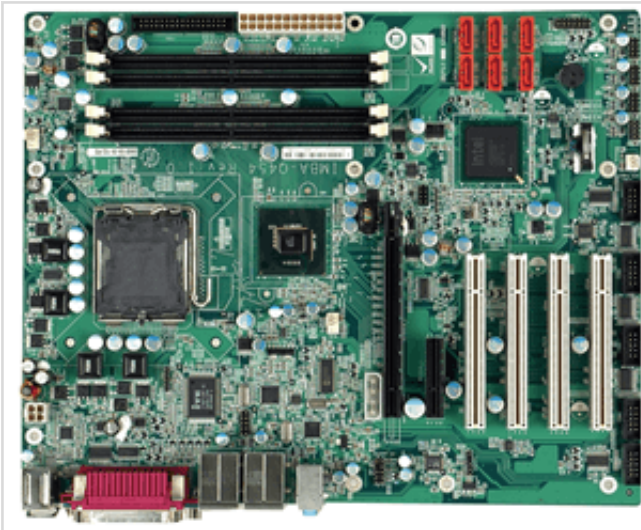


# IMBA-Q454

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



## Features

- » Designed for Intel® Core™ 2 Quad/Duo processor Q9000/E8000/E7000 series in the LGA775 with a 1333/1066/800 MHz FSB
- » Intel® GbE LAN with Intel® AMT 5.0 supported
- » Intel® Q45 chipset integrating high-performance graphics with DX10 and OpenGL 2.1. External graphics card with PCIe 2.0 and 1x16 PEG support
- » PCIe x16 expansion slot and VGA output for dual display support
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery

## Specifications

|                 |  |
|-----------------|--|
| Display         | Display                                      |
| System          | CPU  |
| Chipset         | Intel® Q45 + ICH10DO                         |
| Memory Max.     | Four 240-pin 667/800MHz dualchannel          |
|                 | DDR2 SDRAM DIMM                              |
|                 | (system max. 16GB)                           |
| Storage         | 6 x SATA 3Gb/s RAID                          |
|                 | 1 x FDD                                      |
| 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   | 6 x RS-232                                   |
|                 | 12 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             |
| 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 |
|----------------------|---------------|
| 5 x Internal RS-232  |               |
| 8 x Internal USB 2.0 |               |
| KB/MS                |               |
| 1 x LPT              |               |
| 1 x RS-232           |               |

## Ordering Information

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|               |   |
|---------------|---|
| IMBA-Q454-R10 | ATX Motherboards supports 45nm Core 2 Duo/ Quad with a1333/1066/800MHz FSB, Intel Q45 & ICH10DO platform, Dual Intel GbE, six SATA II with RAID, six COM ports, USB and Audio, RoHS |
|---------------|---|