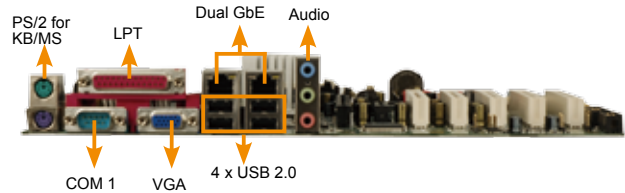
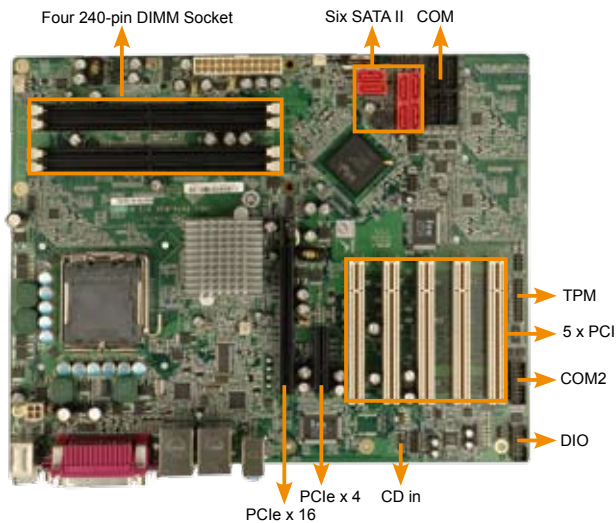


# IMBA-9654

ATX form factor mother board supports Intel® LGA775 Core™2 Duo, Core™2 Quad, Pentium® D, Processor at FSB1066/800/667 FSB, dual channel DDR2, dual GbE, six SATA II, six COM ports, USB, audio, and 5 PCI slots.



## Specifications

- ◆ CPU  
LGA 775 Intel® Core™2 Quad/Duo, Pentium® D/4, and Celeron® D with 533/800/1066MHz FSB
- ◆ FSB  
1066/800MHz
- ◆ System Chipset  
Intel® Q965 + ICH8-DO
- ◆ BIOS  
AMI Flash BIOS
- ◆ System Memory  
Four 240-pin 800/667/533 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 8.0 GB)
- ◆ Ethernet  
Dual Broadcom PCIe BCM5787M GbE controller
- ◆ I/O Interface  
5 x RS-232  
1 x RS-232/422/485  
8 x USB 2.0(4 on the edge, 4 on board by pin header)  
6 x SATA II with RAID 0,1, 10, 5, JBOD support  
1 x LPT  
1 x SPDIF  
2 x PS/2 for KB/MS  
1 x 20-pin LPC for TPM
- ◆ Expansion  
One PCIe x16 slot  
One PCIe x4 slot  
Five PCI slots (33MHz/32 bit)
- ◆ Digital I/O  
8-bit digital I/O, 4 input/ 4 output
- ◆ Infrared  
by pin header
- ◆ Display Interface  
Analog CRT output
- ◆ Audio  
On board Realtek ALC883 HD Audio Codec
- ◆ SSD  
N/A
- ◆ Watchdog Timer  
Software programmable supports 1 ~255 sec. system reset
- ◆ Power Supply  
ATX Power
- ◆ Power consumption  
5V@4.62A, 12V@9.71A, 3.3V@ 5.74A  
(Pentium® 4 3.73GHz/1066 MHz CPU with 1GB DDR2 667MHz)
- ◆ Temperature  
operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity  
operation: 5% ~95% non-condensing
- ◆ Dimension  
305 mm x 244 mm
- ◆ Weight  
GW:1.5 g

## Features

1. Intel® LGA775 Core™2 Duo / Quad Processor at FSB1066 / 800 MHz supported
2. Dual Broadcom PCIe BCM5787M GbE
3. Six SATA II with Intel Matrix Storage Technology supported
4. One PCIe x16 / One PCIe x4 / Five PCI expansion slots

## Packing List

1 x IMBA-9654 single board computer
1 x Mini jumper pack
2 x Dual RS-232 Cable (P/N: 32200-004101-RS)
1 x RS-232 Cable (P/N: 32200-029400-RS)
6 x SATA cable (P/N: 32000062800-RS)
3 x SATA power cable (P/N: 32100-088600-RS)
1 x I/O shielding (P/N: 45002-450903-00-RS)
1 x Utility CD
1 x QIG (Quick Installation Guide)

## Ordering Information

Part No.	Description
IMBA-9654-R10	ATX form factor mother board supports Intel LGA775 Core™2 Duo, Core™2 Quad, Pentium D, Processor at FSB1066/800/667 FSB, dual channel DDR2, dual GbE, six SATA II, six COM ports, USB, audio, and 5 PCI slots.
CF-775A-RS	CPU Cooler
TPM-WI01-R10	20-pin Winbond TPM with Software Management Tool
TPM-IN01-R10	20-pin Infineon TPM with Software Management Tool
SDVO-100VGA-R10	PCIe x16 VGA Output SDVO Card supports dual display (IEI CPU board only)
SDVO-100DVI-R10	PCIe x16 DVI Output SDVO Card supports dual display (IEI CPU board only)