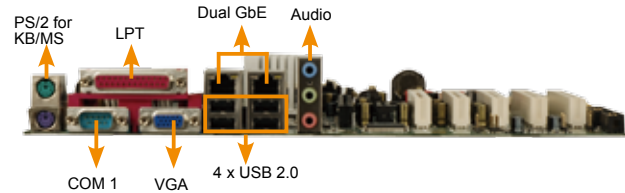
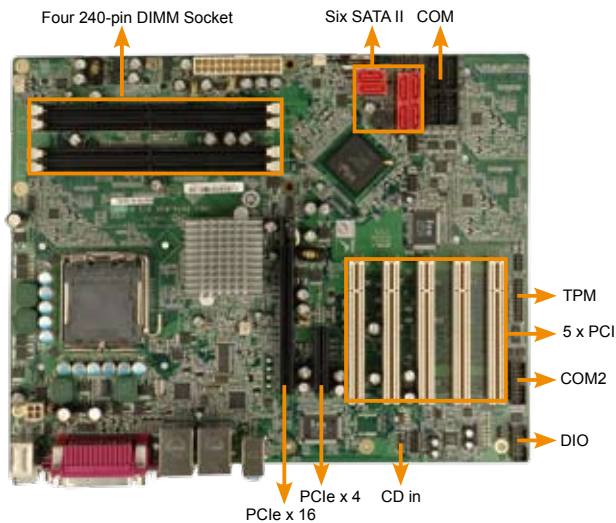


IMBA-9654

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

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)

1
Application
Server
Platform

2
Single
Board
Computer

3
IBX Series
POS PC

4
AFOLUX
POS
Panel PC

5
Video
Capture
Card

6
KAMIO
RISC

7
IOVU
Open HMI

8
VITO
Universal
Controller

9
DINO
BLADE

10
LCD
Product
Series

11
Embedded
System

12
Industrial
Computer
Chassis

13
Power
Supply

14
Peripherals