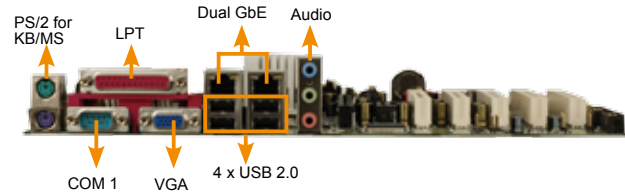
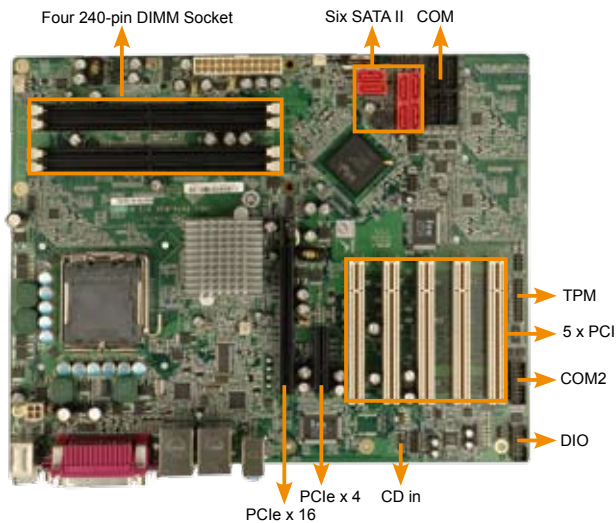


IMBA-9654

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
Platform2
Single
Board
Computer3
IBX Series
POS PC4
AFOLUX
POS
Panel PC5
Video
Capture
Card6
KAMIO
RISC7
IOVU
Open HMI8
VITO
Universal
Controller9
DINO
BLADE10
LCD
Product
Series11
Embedded
System12
Industrial
Computer
Chassis13
Power
Supply14
Peripherals