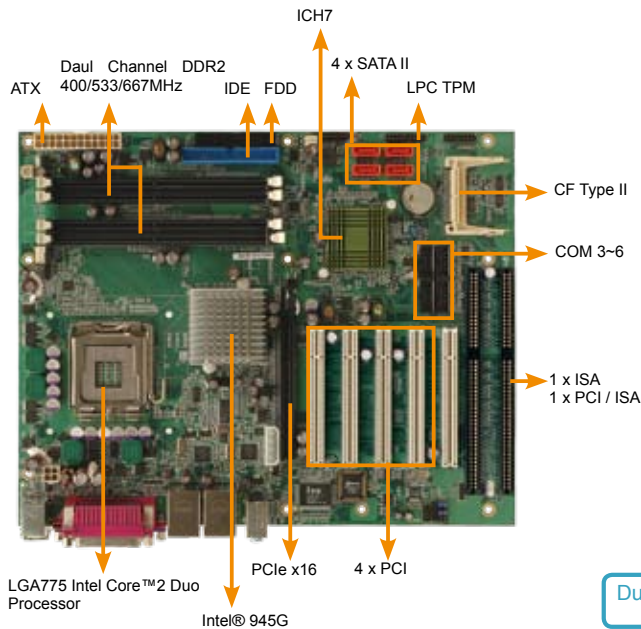
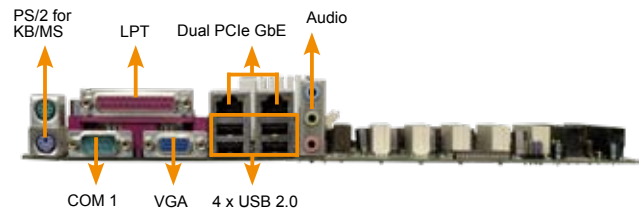


IMBA-9454ISA

ATX Form Factor with Intel® Core™2 Duo, Pentium® D/ Pentium® 4/ Celeron® D CPU FSB 533/800/1066MHz., VGA, Dual-channel DDR2, FDD, LPT, 4 x SATA II, 8 x USB 2.0 and 6 COM



TPM Support



Dual DDR2
667

FSB1066



Specifications

- ◆ CPU
LGA 775 Intel® Core™2 Duo, Pentium® 4/Celeron® D processor, FSB 533/800/1066 MHz
- ◆ System Chipsets
Intel® 945G + ICH7
- ◆ BIOS
AMI BIOS Label
- ◆ System Memory
4 x 240-pin Dual-channel DDR2 400/533/667MHz up to 4GB
- ◆ Ethernet
Dual PCIe Broadcom BCM5787M GbE chipsets
- ◆ I/O Interface
8 x USB 2.0
4 x SATA II
1 x LPT
1 x FDD
1 x CF Type II
5 x RS-232, 1 x RS-232/422/485
1 x 20-pin LPC for TPM
2 x PS/2 for KB/MS
1 x IDE
- ◆ Expansions
One PCIe x16 (Support PCIe x1/ x16 PCIe add-on cards)
5 x PCI
1 x ISA
1 x PCI / ISA
- ◆ Infrared Interface
1 x Infrared Interface by pin header
- ◆ Super I/O
ITE IT8712F
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Audio
Realtek ALC655 with AC'97 codec
- ◆ Display
VGA integrated in Intel® 945G
- ◆ Watchdog Timer
Software programmable 1-255 sec. system reset.
- ◆ Power Supply
ATX support
- ◆ Power Consumption
5V@4.25A, 12V@10.17A, 3.3V@ 6.07A
(Pentium 4 3.73GHz/1066 MHz CPU with 1GB DDR2 667MHz)
- ◆ Temperature
Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions
305 (L) mm x 244 (W) mm
- ◆ Weight
GW: 1200 g; NW: 650 g

Features

1. Intel® Core™2 Duo, Pentium® D, Pentium® 4, Celeron® D processor in the LGA 775 package
2. Integrated Intel® GMA950 graphics engine that offers adequate display quality via VGA interface
3. Dual-channel DDR-400/533/667MHz SDRAM socket support up to 8GB
4. TPM V1.2 hardware security function supported
5. 4 x SATA II, 8 x USB 2.0, Audio and ATX support only

Packing List

1 x IMBA-9454 Single Board Computer
1 x IDE Cable (P/N: 32200-000052-RS)
2 x Dual RS-232 Cable (P/N: 32200-004101-RS)
2 x SATA Cable (P/N: 32000-0628000-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
1 x I/O Shielding (P/N: 45002-450903-00-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
IMBA-9454ISA-R10	ATX Motherboard with Intel® LGA 775 Core™2 Duo, Pentium® D/ Pentium® 4/ Celeron® D Processor FSB 533/800/1066MHz, PCIe GbE, SATA II and Audio
32200-000017-RS	FDD Cable
CB-USB02-RS	Dual USB Cable
CB-USB14-RS	Four USB Cable
32200-000063-RS	RS-232/422/485 cable
CF-775A-RS / CF-520-RS	CPU Cooler
TPM-WI01-R10	20-pin WINBOND TPM Module, S/W Management Tool
TPM-IN01-R10	20-pin INFINEON TPM Module, S/W 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