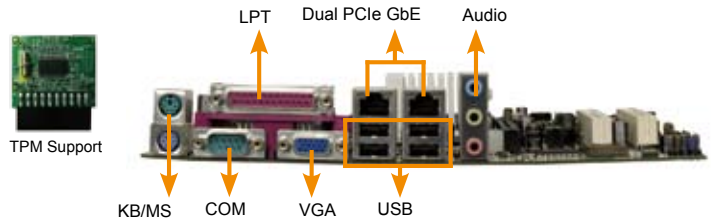
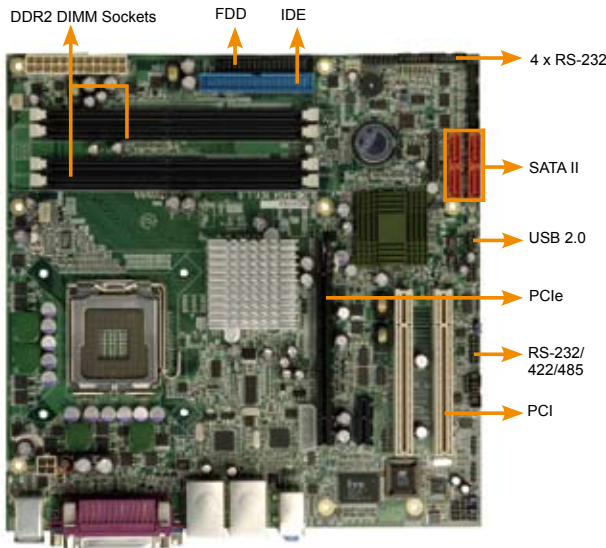


IMB-9454G-R20

micro-ATX Motherboard with Intel Core™2 Duo, Pentium® 4/ Pentium® D/ Celeron® D FSB 533/800/1066MHz CPU, VGA, Dual PCIe GbE, SATA II, USB 2.0, 6 COM, & Audio



1 Application Server Platform

2 Single Board Computer

3 IBX Series POS PC

4 AFOLLUX 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

Specifications

- ◆ CPU
LGA 775 Intel® Core™2 Duo, Pentium® 4/Celeron® D with 533/800/1066 MHz FSB
- ◆ System Chipsets
Intel® 945G + ICH7
- ◆ BIOS
AMI BIOS
- ◆ System Memory
4 x 240-pin Dual-channel DDR2 533/667MHz up to 8GB
- ◆ Ethernet
Dual PCIe Broadcom BCM5787M GbE chipsets with ASF2.0 support.
- ◆ I/O Interface
8 x USB 2.0
4 x SATA II
1 x LPT
1 x FDD
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
1 x PCIe x 16 (Support PCIe x1/16 PCIe add on cards)
1 x PCIe x 1
2 x PCI
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ Infrared Interface
1x Infrared Interface by pin header
- ◆ Super I/O
ITE IT8712F
- ◆ Audio
Realtek ALC655 with AC'97 codec
- ◆ Display
VGA integrated in Intel® 945G
- ◆ Watchdog Timer
Software programmable 1-255 sec. by super I/O
- ◆ Power Supply
ATX power supply
- ◆ Power Consumption
5V@2.09A, 12V@8.9A, 3.3V@3.6A, 5VSB@0.67A (Pentium® 4 3.2GHZ, DDR2 533 512MB*4)
- ◆ Temperature
Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions
244 mm x 244 mm
- ◆ Weight
GW: 1200 g; NW: 680 g

Features

1. Intel® Core™2 Duo, Pentium® 4/ Pentium® D/ Celeron® D CPU support up to FSB 533/800/1066MHz
2. VGA integrated in Intel® 945G
3. Dual-channel DDR2 533/667MHz support up to 8GB
4. FDD, LPT, 4 x SATA II, 8 x USB 2.0 and 6 x COM

Packing List

1 x IMB-9454G Single Board Computer
2 x Dual RS-232 Cable (P/N: 32200-028401-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
1 x IDE Cable (P/N:32200-000052-RS)
2 x SATA Cable (P/N: 32000-062800-RS)
1 x I/O Shielding (P/N: 45002-450903-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
IMB-9454G-R20	micro-ATX Motherboard, Core™2 Duo CPU 800/1066/1333 MHz FSB with VGA, Dual PCIe GbE, SATA II, COM and Audio
32200-000017-RS	FDD Cable
CB-USB02-RS	Dual USB Cable
CB-USB14-RS	Four USB Cable
19800-000063-RS	RS-422/485 Cable
TPM-WI01-R10	20-pin WINBOND TPM Module, S/W Management
TPM-IN01-R10	20-pin INFINEON TPM Module, S/W Management
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)
CF-775A-RS/ CF-520-RS	CPU cooler