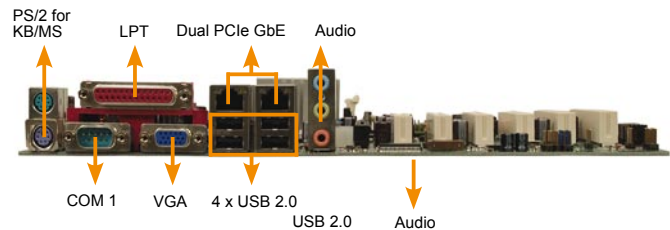
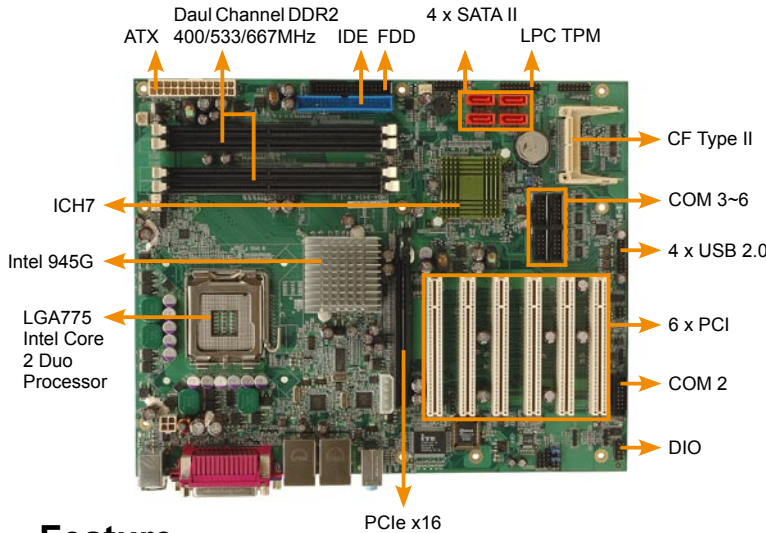


IMBA-9454

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 x COM



PVGA-M1600L
Low Profile Mobile
ATI 1600 Graphic Card

Features

- ◆ Low Power: ATI 1600 mobile graphic chip
- ◆ Low Profile: 8-cm low profile DVI/ VGA/ LVDS output option
- ◆ PCIe x16 high performance graphic card

Feature

1. Intel® Core 2 Duo, Pentium® D/ Pentium® 4/ Celeron® D CPU support up to FSB 533/800/1066MHz
2. VGA integrated in Intel® 945G
3. Dual channel DDR2 400/533/667MHz support up to 4GB
4. FDD, LPT, 4 x SATA II, 8 x USB 2.0 and 6 x COM

Specification

- ◆ **CPU**
LGA 775 Intel® Core™ 2 Duo, Pentium® 4/ Celeron® D processor, FSB 533/800/1066 MHz
- ◆ **System Chipset**
Intel® 945G + ICH7
- ◆ **BIOS**
AMI BIOS Label
- ◆ **System Memory**
4 x 240-pin Dual channel DDR2 400/533MHz up to 4GB
- ◆ **Ethernet**
Dual Broadcom BCM5787 for PCIe GbE
- ◆ **I/O**
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, 2 x PS/2 for KB/MS, 1 x IDE
- ◆ **Expansion:** 1 x PCIe x16 (Support PCIe x1/2/4/8/16 PCIe add-on cards), 6 x PCI
- ◆ **IrDA:** 1 x IrDA by pin header
- ◆ **Super I/O:** IT8712
- ◆ **Digital I/O**
8-bit digital I/O, 4 input/ 4 output

Packing List

1 x IMBA-9454 Single Board Computer	1 x SATA Power Cable (P/N: 32100-088600-RS)
1 x IDE Cable (P/N: 32200-000052-RS)	1 x I/O Shielding
2 x Dual RS-232 Cable (P/N: 32200-004101-RS)	1 x Mini Jumper Pack
1 x RS-232 Cable (P/N: 32200-029400-RS)	1 x Utility CD
2 x SATA Cable (P/N: 32000-0628000-RS)	1 x QIG (Quick Installation Guide)



- ◆ **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
- ◆ **Power Consumption**
5V@4.25A, 12V@10.17A, 3.3V@ 6.07A (Intel® Pentium® 4 3.73GHz/1066 MHz CPU with 1GB DDR2 667MHz)
- ◆ **Temperature**
Operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**
Operation: 5% ~ 95% non-condensing
- ◆ **Dimension:** 305 (L) mm x 244 (W) mm
- ◆ **Weight:** GW: 1200 g; NW: 650 g

Ordering Information

Part No.	Description
IMBA-9454G-R10	ATX Motherboard with Intel® LGA 775 Core™ 2 Duo, Pentium® D/ Pentium® 4/ Celeron® D Processor FSB 533/800/1066MHz, PCIe x16, PCIe GbE, SATA II and Audio
32200-000017-RS	FDD Cable
CB-USB02-RS	USB Cable
19800-000017-RS	RS-422/485 cable
CF-520-RS	CPU Cooler
CF-775A-RS	CPU Cooler