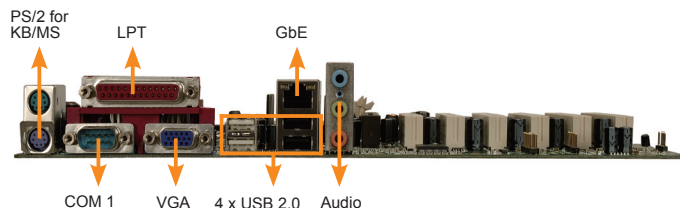
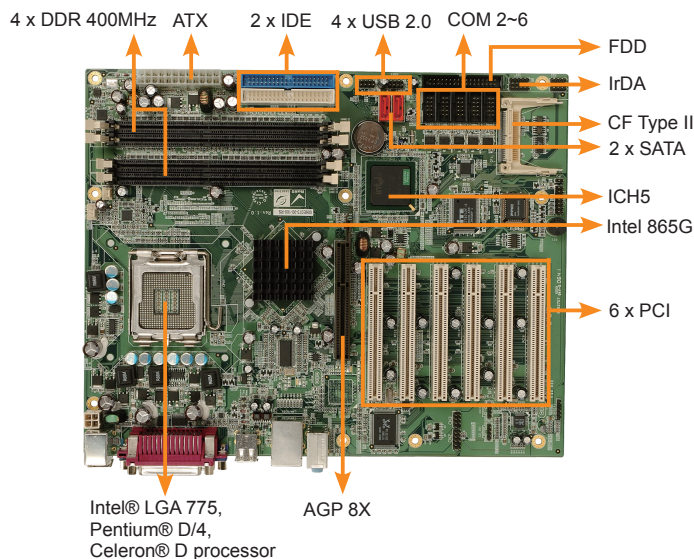


IMBA-8654

ATX Motherboard with Intel® LGA 775, Pentium® D/4, Celeron® D processor, FSB 533/800MHz, AGP 8X, GbE, SATA and Audio



Dual DDR 400 FSB 800



Specifications

- ◆ **CPU**
Intel® LGA 775, Pentium® D/4, Celeron® D processor, FSB 533/800MHz
- ◆ **System Chipset**
Intel® 865G + ICH5
- ◆ **BIOS**
AMI BIOS
- ◆ **System Memory**
4 x 184-pin dual channel DDR 333/400 MHz up to 4GB
- ◆ **Ethernet**
Intel® 82541 GbE chipset (IMBA-8650GN) with ASF2.0 support
Realtek 8110SC GbE chipset (IMBA-8650GR)
- ◆ **I/O Interface**
8 x USB 2.0
2 x SATA
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
2 x IDE
- ◆ **Expansions**
1 x AGP 8X slot, 6 x PCI slot
- ◆ **IrDA**
1 x IrDA by pin header (SIR Mode)
- ◆ **Super I/O:**
W83627HG
- ◆ **Digital I/O**
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ **Audio:**
Realtek ALC655 with AC'97 codec
- ◆ **Display Interface**
VGA integrated in Intel® 865G
- ◆ **Watchdog Timer**
Software programmable 1-255 sec. by system reset
- ◆ **Power Supply**
ATX Power
- ◆ **Power Consumption**
12V@8.75A, 5V@5.9A, 3.3V@0.7A, -12V@0.2A, 5VSB@0.7A
(Pentium® D 3.6GHz/800 MHz CPU with 1GB DDR 400MHz)
- ◆ **Temperature**
Operation: 0°C ~ 60°C (32 ~ 140° F)
- ◆ **Humidity**
Operation: 5% ~ 95% non-condensing
- ◆ **Dimensions:** 305 (L) mm x 244 (W) mm
- ◆ **Weight:** GW: 1200 g; NW: 600 g

Features

1. Intel® Pentium® D/4, Celeron® D processor in the LGA 775 package
2. Integrated Intel® Extreme 2 Graphics
3. Dual channel DDR 333/400MHz SDRAM socket support up to 4GB
4. 2 x SATA, 8 x USB 2.0 and audio ATX support

Packing List

1 x IMBA-8654 Single Board Computer
1 x IDE Cable (P/N: 32200-000052-RS)
2 x RS-232 Cable (P/N: 32200-004101-RS)
1 x RS-232 Cable (P/N: 32200-029400-RS)
1 x RS-422/485 Cable (P/N: 19800-000063-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: 45002-0804C0-00-RS)
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
IMBA-8654GR-R10	ATX Motherboard with Intel® LGA 775, Pentium® D, Pentium® 4, Celeron® D Processor FSB 533/800MHz, AGP 8X, Realtek GbE, SATA and Audio
IMBA-8654GN-R10	ATX Motherboard with Intel® LGA 775, Pentium® D, Pentium® 4, Celeron® D processor FSB 533/800MHz, AGP 8X, Intel® GbE, SATA and Audio
32200-000017-RS	FDD Cable
CB-USB02-RS	USB Cable
CF-520-RS	CPU Cooler
CF-775A-RS	CPU Cooler