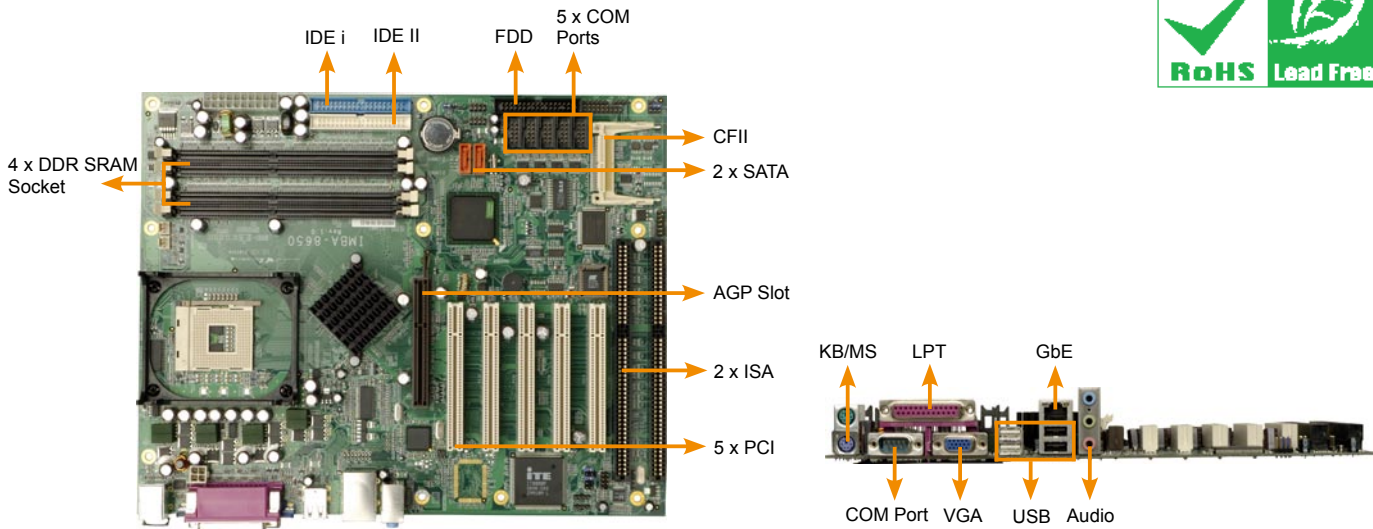


IMBA-8650

Micro ATX Motherboard, Pentium® 4 Processor 533/800MHz FSB with VGA, LCD, SATA, 8 USB 2.0 , 6 COM & Audio



Feature

1. Intel® Socket 478 Pentium® 4 CPU support up to FSB 533/800MHz
2. CRT/LCD VGA integrated in Intel® 865G
3. Dual channel DDR-333/400MHz SDRAM socket support up to 4G
4. 2 x SATA 150, 8 x USB 2.0 and audio AT/ATX support

Specification



◆ CPU

Intel® Pentium® 4 processor, FSB 533/800MHz

◆ System Chipset

Intel® 865G + ICH5

◆ BIOS

AWARD BIOS Label

◆ System Memory

Dual channel DDR333/400 support up to 4GB

◆ Ethernet

Intel 82541 GbE (IMBA-8650GN)

Realtek 8110SC GbE (IMBA-8650GR)

◆ I/O

8 x USB 2.0

2 x SATA 150

1 x LPT/FDD

1 x CFII

5 x RS-232, 1 x RS-232/422/485

2 x PS/2 mini DIMM

2 x ATA-100 IDE

◆ Digital I/O

4 input / 4 output by super I/O

◆ Super I/O

W83627HG

◆ IrDA

1 x IrDA by pin header (SIR mode)

◆ Expansion Slot

1 x AGP 8X/ 4X slot

4 x PCI slot

1 x ISA slot

1 x PCI/ ISA slot

◆ Audio

AC97 Codec

◆ Display

VGA integrated in Intel 865G

◆ Watchdog Timer

Software programmable 1-255 sec. by super I/O

◆ Power Supply

AT/ATX support

◆ Power Consumption

+12V@7.3A; +5V@4.9A; +3.3V@0.7A; -12V@0.2A;

5VSB@0.7A

(Pentium® 4 3.0GHz, 1GB DDR400 SDRAM)

◆ Temperature

Operation: 0 ~ 60° C (32 ~ 140° F)

◆ Humidity

Operation: 5% ~ 95% non-condensing

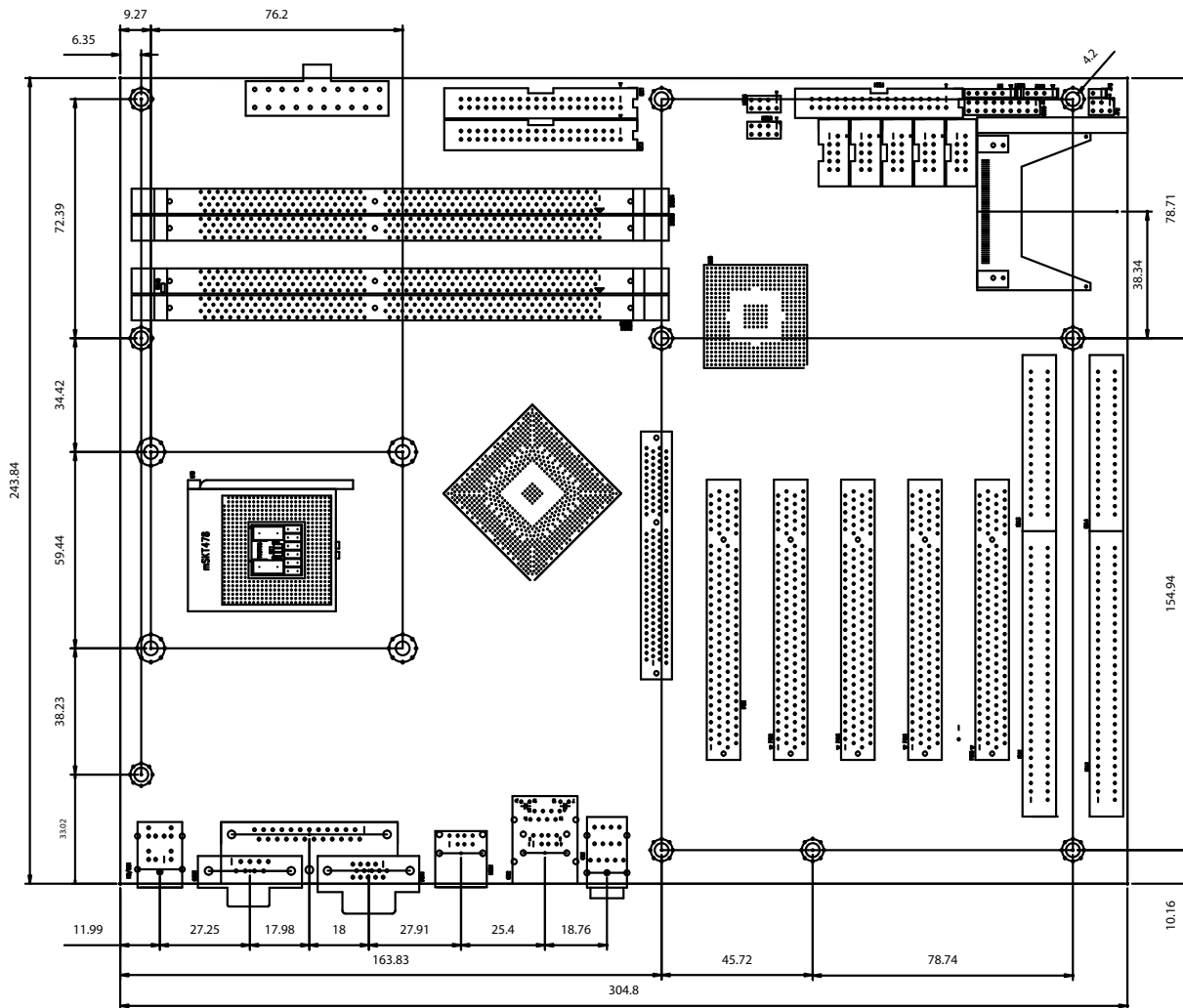
◆ Dimension

305 (L) mm x 244 (W) mm

◆ Weight

GW: 1200 g; NW: 600 g

Dimension



Packing List

1 x IMBA-8650 Single Board Computer	1 x SATA Power Cable (P/N: 32100-088600-RS)
2 x IDE Cable (P/N: 32200-000052-RS)	1 x I/O Shielding (P/N: 45002-0804C0-00-RS)
2 x RS232 Cable (P/N: 32200-004101-RS)	1 x Mini Jumper Pack
1 x RS232 Cable (P/N: 32200-029400-RS)	1 x Utility CD
1 x RS422/485 Cable (P/N: 19800-000017-RS)	1 x QIG (Quick Installation Guide)
2 x SATA Cable (P/N: 32000-0628000-RS)	

Ordering Information

Part No.	Description
IMBA-8650GR-R10	ATX SBC with Intel® Pentium® 4 Socket 478 FSB 800MHz, AGP 8X, Realtek GbE, SATA and Audio
IMBA-8650GN-R10	ATX SBC with Intel® Pentium® 4 Socket 478 FSB 800MHz, AGP 8X, Intel® GbE, SATA and Audio
32200-000017-RS	FDD Cable
CB-USB02-RS	USB Cable
CF-519-RS	CPU Cooler