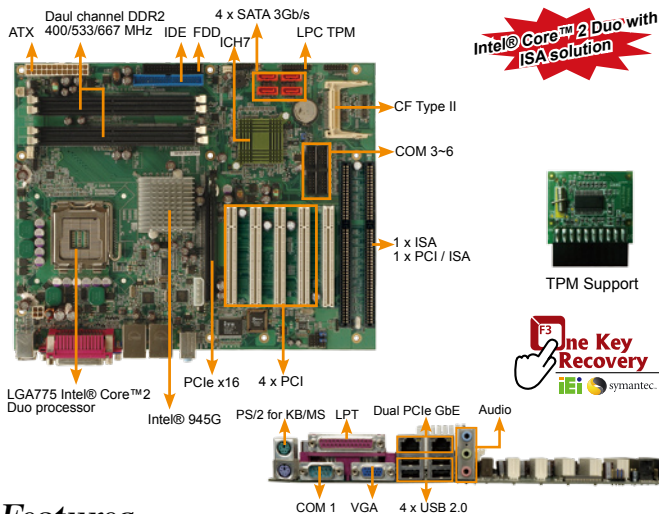


IMBA-9454ISA

ATX form factor with Intel® Core™2 Duo, Pentium® D/ Pentium® 4/ Celeron® D CPU FSB 533/800/1066 MHz, VGA, dual-channel DDR2, FDD, LPT, four SATA 3Gb/s, eight USB 2.0 and six COM



Features

1. Intel® Core™2 Duo, Pentium® D, Pentium® 4, Celeron® D processor in the LGA 775 package
2. Integrated Intel® GMA950 graphic engine that offers adequate display quality via VGA interface
3. Dual-channel DDR2-400/533/667 MHz SDRAM socket supports up to 4 GB
4. TPM V1.2 hardware security function supported
5. Four SATA 3Gb/s, eight USB 2.0, audio and ATX power only
6. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ 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
- ◆ System Memory
4 x 240-pin dual-channel DDR2 400/533/667 MHz up to 4 GB
- ◆ Ethernet
Dual PCIe Broadcom BCM5787M GbE chipset
- ◆ I/O Interface
8 x USB 2.0
1 x LPT
5 x RS-232
2 x PS/2 for KB/MS
1 x CF Type II
1 x 20-pin LPC for TPM
- ◆ Expansions
One PCIe x16 (Support PCIe x1/x16 PCIe add-on cards)
4 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 1 GB DDR2 667 MHz)
- ◆ 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

Packing List

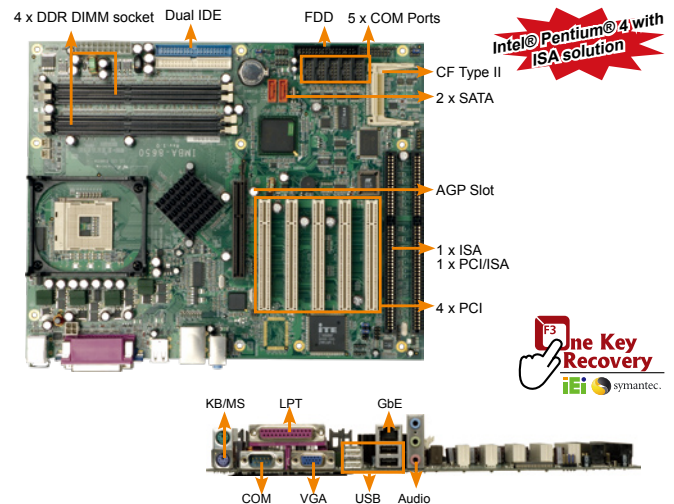
1 x IMBA-9454ISA single board computer	
2 x Dual RS-232 cable (P/N: 19800-000113-RS)	
1 x SATA power cable (P/N: 32102-000100-200-RS)	
1 x I/O shielding (P/N: 45014-0017C0-00-RS)	1 x IDE cable (P/N: 32200-000052-RS)
2 x SATA cable (P/N: 32000-0628000-RS)	1 x Mini jumper pack
1 x Utility CD	1 x QIG

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 533/800/1066 MHz, PCIe GbE, SATA 3Gb/s and audio
32200-000017-RS	FDD cable
CB-USB02-RS	Dual USB cable
19800-000100-200-RS	Four USB cable
32200-000063-RS	RS-232/422/485 cable
CF-775A-RS/CF-520-RS-R11	CPU cooler
TPM-IN01-R11	20-Pin Infineon TPM module, software management tool, firmware V3.17
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)

IMBA-8650-R22

ATX motherboard, Pentium® 4 Processor 533/800MHz FSB with VGA, LCD, SATA, eight USB 2.0, six COM and audio



Features

1. Intel® Socket 478 Pentium® 4 CPU supports up to FSB 533/800MHz
2. VGA integrated in Intel® 865G
3. Dual-channel DDR-333/400MHz SDRAM socket supports up to 4GB
4. Two SATA 150, eight USB 2.0, audio and ATX power
5. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

- ◆ CPU
Socket 478 Intel® Pentium® 4/Celeron® D at a 800/533 MHz FSB with up to 3.4 GHz and Hyper-Threading Technology
- ◆ System Chipset
Intel® 865G + ICH5
- ◆ BIOS
Award BIOS
- ◆ System Memory
4 x 184-pin dual-channel DDR 333/400 MHz up to 4GB
- ◆ Ethernet
Intel® 82541 GbE with ASF2.0 support. (IMBA-8650GN)
Realtek 8110SC GbE (IMBA-8650GR)
- ◆ I/O Interface
8 x USB 2.0
1 x LPT
1 x CF Type II
1 x RS-232/422/485
2 x IDE
- ◆ Super I/O
W83627HG
- ◆ Infrared Interface
1 x Infrared interface by pin header (SIR mode)
- ◆ Expansions
1 x AGP 8x/4x
1 x ISA
4 x PCI
1 x PCI/ISA
- ◆ Audio
Realtek ALC655 with AC'97 codec
- ◆ Display Interface
VGA integrated in Intel® 865G
- ◆ Watchdog Timer
Software programmable 1-255 sec. system reset
- ◆ Power Supply
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 DDR 400 MHz SDRAM)
- ◆ Temperature
Operating: 0°C ~ 60°C (32 ~ 140° F)
- ◆ Humidity
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions
305 mm x 244 mm
- ◆ Weight
GW: 1200 g / NW: 600 g

Packing List

1 x IMBA-8650 single board computer	
2 x IDE cable (P/N: 32200-000052-RS)	
1 x RS-422/485 cable (P/N: 19800-000063-RS)	
1 x SATA Power cable (P/N: 32102-000100-200-RS)	
1 x I/O shielding (P/N: 45002-0804C0-00-RS)	
1 x RS-232 cable (P/N: 19800-000114-RS)	2 x SATA cable (P/N: 32000-0628000-RS)
2 x RS-232 cable (P/N: 19800-000113-RS)	1 x Mini jumper pack
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
IMBA-8650GR-R22	ATX motherboard with Intel® Pentium® 4 Socket 478 FSB 800 MHz, AGP 8X, Realtek GbE, SATA and audio
IMBA-8650GN-R22	ATX motherboard with Intel® Pentium® 4 Socket 478 FSB 800 MHz, AGP 8X, Intel® GbE, SATA and audio
32200-000017-RS	FDD cable
CB-USB02-RS	Dual USB cable
19800-000100-200-RS	Four USB cable
CF-478A-RS	CPU cooler
CF-478B-RS	CPU cooler
CF-514-RS	CPU cooler
CF-519-RS	CPU cooler