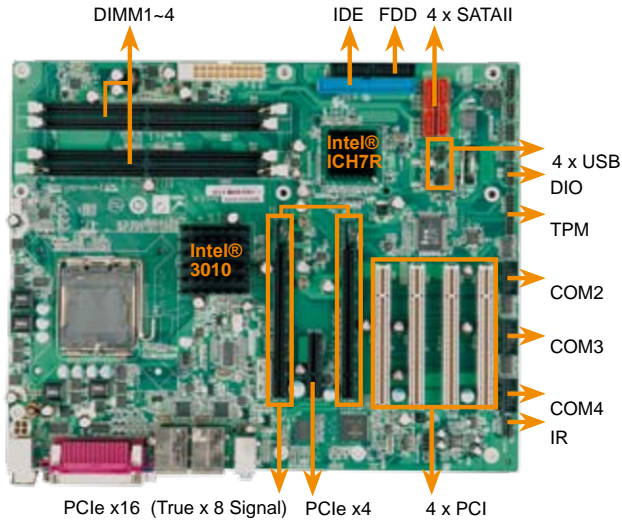


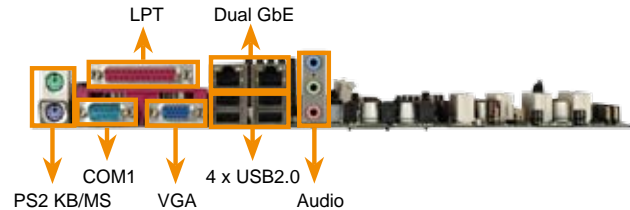
IMBA-30104

ATX Motherboard with Intel® Core™ 2 Duo Processor at FSB 1066/800/533 MHz, Intel® 3010 & ICH7R Server Grade Platform supports ECC, Dual PCIe x8 expansion slots, Dual Intel® PCIe GbE, VGA, Four SATA II with RAID Function and Audio.



**Server Grade Platform
With ECC Support**

Dual PCIe x16 slot (Mechanism) compliant with graphic mode or IO mode device



Specifications

- ◆ CPU
Intel® LGA775 socket
Intel® Core™ 2 Duo, Celeron® Processor at FSB 1066/800/533 MHz
- ◆ System Chipset
Intel® 3010 + ICH7R
- ◆ BIOS
AMI BIOS
- ◆ System Memory
4 x 240-pin dual-channel DDR2 533/667 MHz DIMM with ECC support up to 8 GB
- ◆ Graphic
Z9S PCIe GPU integrated 64-bit 64 MB DDR Memory supports 3D/2D engine
- ◆ Display Output
Analog display:
Support up to UXGA (1600 x 1200)
Support for CRT Hot plug
- ◆ Ethernet
Dual PCIe Intel® 82574L GbE
- ◆ I/O Interface
4 x RS-232
1 x LPT
1 x FDD
1 x PS/2 for KB/MS
1 x IDE
4 x SATA II with RAID 0, 1, 10, 5 function supported
8 x USB 2.0
- ◆ TPM
1 x 20-pin header
- ◆ Digital I/O
8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Expansion
2 x PCIe x16 with PCIe x8 signal
1 x PCIe x4
4 x PCI
- ◆ Audio
Realtek ALC888 HD audio
- ◆ Infrared Interface
1x 5-pin pin header
- ◆ SPDIF
1x 5-pin pin header
- ◆ Watchdog Timer
Software programmable support 1~255 sec. system reset
- ◆ Power Supply
ATX
- ◆ Super I/O
ITE IT8712F
- ◆ FAN connector
1 x 4-pin CPU fan
1 x 4-pin system fan
- ◆ Power Consumption
3.3V @ 1.03A, 5V @ 4.72A, 12V @ 0.31A (Core™ 2 Duo E6700 2.66 GHz with DDR2 667 MHz 4 x 512 MB)
- ◆ Temperature
Operation: 0°C ~ 60°C (32°F ~ 140°F)
- ◆ Humidity
Operation: 5% ~ 95% non-condensing
- ◆ Dimensions
305 mm x 244 mm
- ◆ Weight
GW: 1.3 kg / NW: 0.8 kg

Dual DDR2
667

FSB**1066**

ECC



Features

1. Server grade platform support Intel® Core™ 2 Duo, Celeron® processor at FSB 1066/800/533 MHz
2. Dual channel DDR2 533/667 MHz with ECC memory support up to 8 GB
3. On board XGI Z9S PCIe GPU integrated 64-bit 64 MB DDR memory supports 3D/2D engine
4. Dual PCIe x16, one PCIe x4 expansion slot for high bandwidth application
5. 4 x SATA II, 8 x USB 2.0, 4 x COM port, TPM support

Packing List

1 x IMBA-30104 single board computer
1 x Dual RS-232 cable (P/N:19800-000051-RS)
4 x SATA cable (P/N:32000-062800-RS)
1 x ATA66 IDE flat cable (P/N:32200-000052-RS)
1 x Mini Jumper pack
1 x I/O shielding (P/N:45002-450903-00-RS)
1 x Utility CD
1 x QIG (quick installation guide)

Ordering Information

Part No.	Description
IMBA-30104-R10	ATX motherboard with Intel® Core™ 2 Duo Processor at FSB 1066/800 MHz, Intel® 3010 & ICH7R server grade platform supports ECC, dual PCIe x8 expansion slots, dual Intel® PCIe GbE, VGA, four SATA II with RAID function and audio.
TPM-WI01-R10	20-pin Winbond TPM with software management tool
TPM-IN01-R10	20-pin INFINEON TPM module, S/W management tool
CF-775A-RS/CF-520-RS	CPU cooler
32200-000017-RS	FDD cable
32100-088600-RS	SATA power cable
CB-USB14-RS	Four USB cable