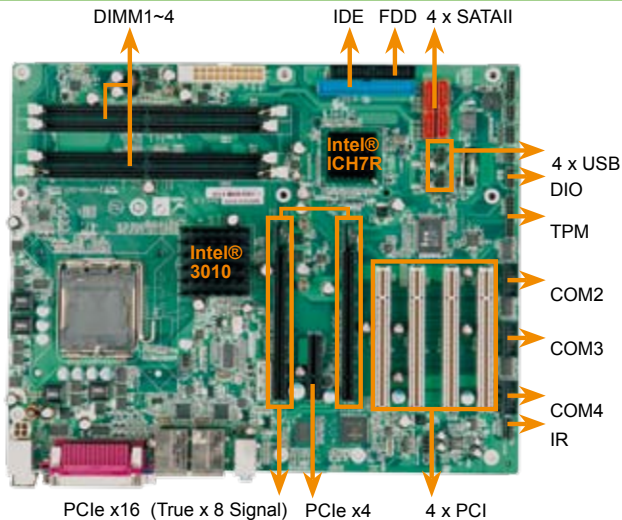


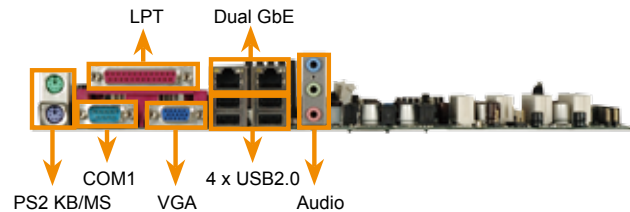
IMBA-30104

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
1 x 5-pin pin header
- ◆ SPDIF
1 x 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: 1.3kg / NW: 0.8kg

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