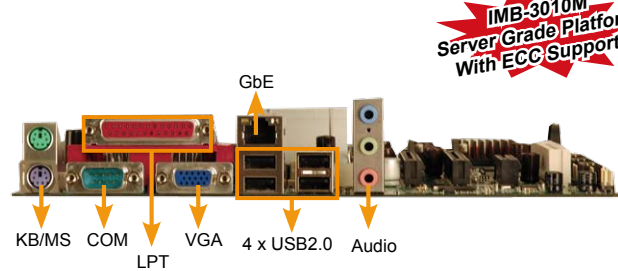
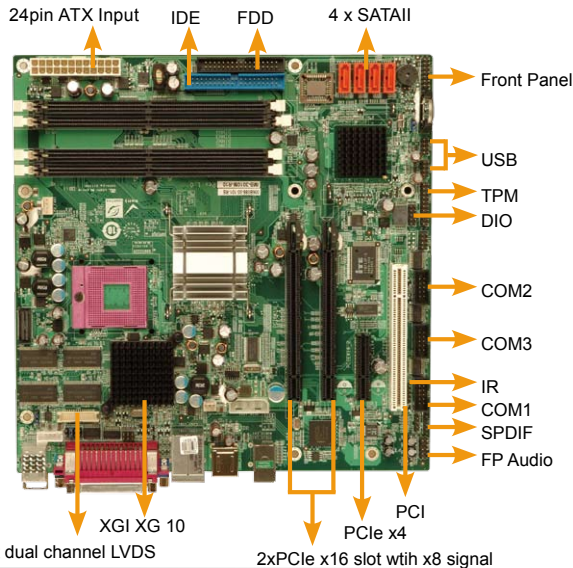


IMB-3010M

Micro ATX Motherboard with Intel® Mobile Core™2 Duo Processor at FSB 800 MHz, Intel® 3010 & ICH7R Server Grade Platform supports ECC function, Dual PCIe x8 expansion slots, Intel® PCIe GbE, LVDS/VGA Display Output, HD Audio



IMB-3010M
Server Grade Platform
With ECC Support

DDR2 667

FSB 800

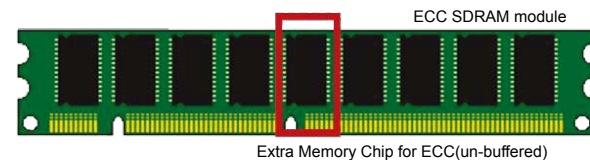


Features

1. Server grade platform with low power mobile dual core CPU for less heat generated and more stable system required
2. ECC function enhances system Reliability & Stability
3. Dual PCIe x8 expansion slot for high bandwidth application
4. Configurable display outputs for dual display application

ECC Memory Supported

ECC (Error Checking and Correcting) uses a special algorithm to encode information in a block of bits that contains sufficient detail to permit the recovery of a single bit error in the protected data . ECC memory also includes special circuitry for testing the accuracy of data as it passes in and out of memory



Benefits Reduce system unstable caused by

Long- Term Operating

Heavy Data Loading

Complicated Computing

Server-grade
Feature



Blue Screen of Death

Specifications

- ◆ CPU
Intel® Socket P Core™2 Duo Processor (Merom) at FSB 800MHz Celeron® M
- ◆ System Chipset
Intel® 3010 (Mukilteo 2P) + ICH7R
- ◆ BIOS
Award BIOS Label
- ◆ System Memory
4 DIMM Socket Dual channel DDR2 533/667 MHz with ECC support up to 8 GB
- ◆ Ethernet
PCIe Intel® 82573E GbE
- ◆ I/O Interface
4 x RS-232
1 x LPT
1 x FDD
1 x IDE
1 x PS/2 for KB/MS
4 x SATA II (with RAID 0,1,10,5 function supported)
8 x USB2.0
1 x 20-pin header for TPM
- ◆ Expansions
2 x PCIe x16 (with x8 signal)
1 x PCIe x4
1 x PCI
- ◆ Digital I/O
8-bit digital I/O (4-bit input, 4-bit output)
- ◆ Super I/O
ITE IT8712F
- ◆ Display Output
Support Dual channel 24-bit LVDS to WUXGA (1920x1200)
Support high quality CRT display up to QXGA(2048x1536)
- ◆ Audio
Realtek ALC883 supports 7.1 channel high definition audio output
- ◆ Graphic
XGI Volari XP10 PCIe GPU with on board 64-bit 64MB DDR Memory supports 3D/2D engine, DirectX9.0, OpenGL1.4, LVDS/VGA output
- ◆ Watchdog Timer
Software Programmable support 1~255 sec. System reset
- ◆ Power Supply
ATX
- ◆ Power Consumption
3.3@1.52A, 5V@4.78A, 5VSB@0.02A, 12V@3.32A
(Intel® Core™2 Duo T7500 2.2G/667MHz 4GB DDR2 DIMM)

Packing List

- 1 x IMB-3010M-R10 Single board computer
- 1 x Mini Jumper Pack
- 1 x ATA 66 Flat Cable (P/N: 32200-000052-RS)
- 1 x Dual RS-232 Cable (P/N:19800-000051-RS)
- 4 x SATA Cable (P/N:32000-062800-RS)
- 2 x SATA Power Cable (P/N:32100-087100-RS)
- 1 x I/O shielding (PN:45014-0017C0-00-RS)
- 1 x Utility CD
- 1 x QIG

Ordering Information

Part No.	Description
IMB-3010M-R10	Micro ATX MB with Socket M Intel® Mobile Core™2 Duo (Merom Core) at FSB 800/677 MHz, VGA/LVDS/TV Output, PCIe GbE, 2 SATAII, USB2.0
TPM-WI01-R10	20-pin Winbond TPM with Software Management Tool
CPU Cooler	CF-479B-RS
32200-000017-RS	FDD cable
LVDS-VGA-R10	LVDS to VGA adapter board