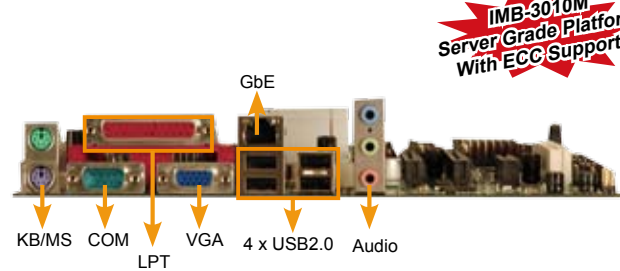
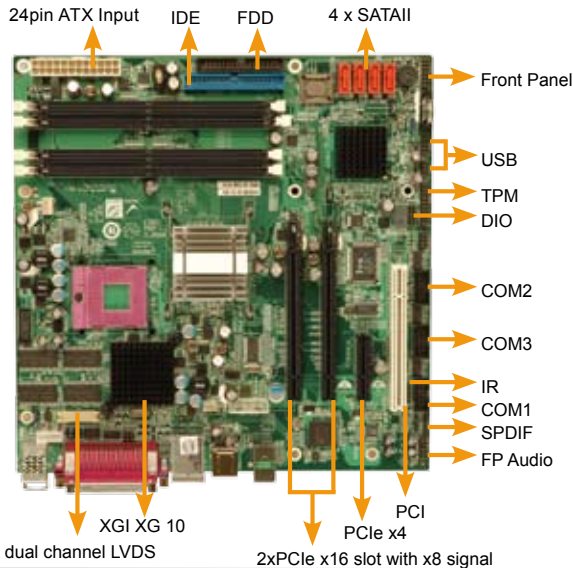


IMB-3010M

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

SERIAL ATA

Gigabit Ethernet

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

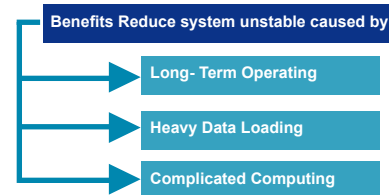
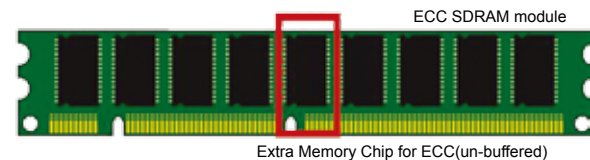
1 x IMB-3010M-R10 Single board computer
1 x Mini Jumper Pack
1 x ATA 66 Flat Cable (P/N: 32200-000052-RS)
1 x Dual RS-232 Cable (P/N:19800-000051-RS)
4 x SATA Cable (P/N:32000-062800-RS)
2 x SATA Power Cable (P/N:32100-087100-RS)
1 x I/O shielding (PN:45014-0017C0-00-RS)
1 x Utility CD
1 x QIG

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



Server-grade Feature



▲ Blue Screen of Death ▲

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

1
Industrial
Computing
Solutions

2
Embedded
Computing
Solutions

3
RISC-Based
Embedded
Solutions

4
Industrial
Data
Collector/
Server
Solutions

5
Video
Capture
Solutions

6
I/O
Communication
Solutions

7
Panel
Solutions

8
Power Supply/
Network
Communication/
Peripherals