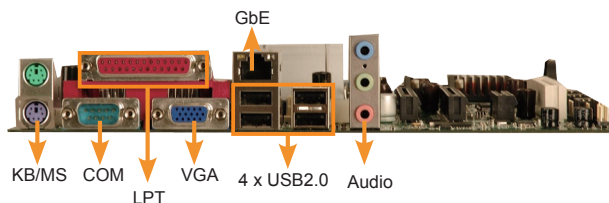
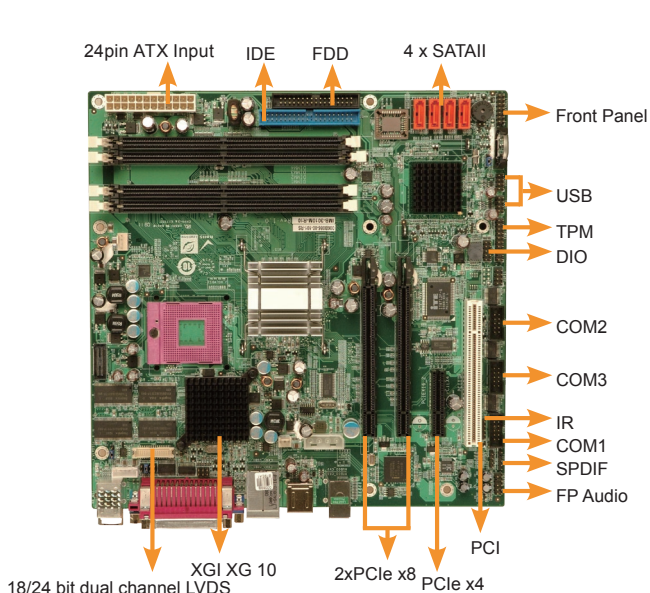


# IMB-3010M

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



## 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

## Specifications

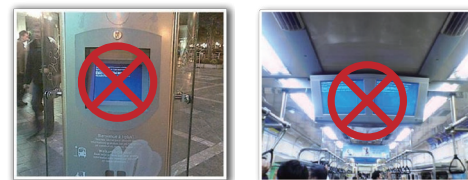
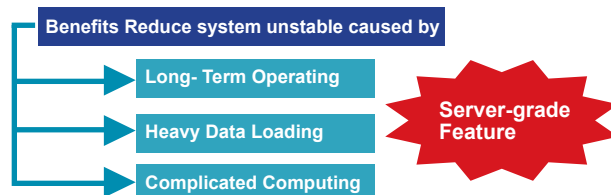
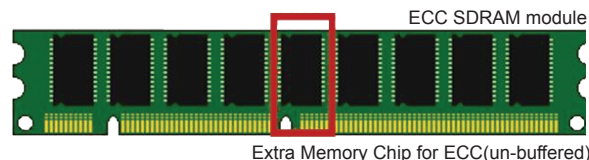
<b>CPU</b>	Intel® Socket P Core™2 Duo Processor (Merom ) at FSB 800MHz Celeron® M
<b>System Chipset</b>	Intel® 3010 (Mukilteo 2P) + ICH7R
<b>BIOS</b>	Award BIOS Label
<b>System Memory</b>	4 DIMM Socket Dual channe DDR2 533/667MHz with ECC support up to 8GB
<b>Ethernet</b>	PCIe Intel® 82573E GbE
<b>I/O Interface</b>	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
<b>Expansion</b>	Two PCIe x16 with PCIe x8 signal, One PCIe x4, One PCI
<b>Digital I/O</b>	8-bit digital I/O (4-bit input, 4-bit output)
<b>Super I/O</b>	iTE8712F
<b>Display Output</b>	Support Dual channel 24-bit LVDS to WUXGA (1920x1200) Support high quality CRT display up to QXGA(2048x1536)
<b>Audio</b>	Realtek ALC883 supports 7.1 channel high definition audio output
<b>Graphic</b>	XGI Volari XP10 PCIe GPU with on board 64-bit 64MB DDR Memory supports 3D/2D engine, DirectX9.0, OpenGL1.4, LVDS/ VGA output
<b>Watchdog Timer</b>	Software Programmable support 1~255 sec. System reset
<b>Power Supply</b>	ATX
<b>Power consumption</b>	3.3@1.52A, 5V@4.78A, 5VSB@0.02A, 12V@3.32A (Intel® Core™2 Duo T7500 2.2G/667MHz 4GB DDR2 DIMM)

## Ordering Information

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

## 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



▲ Blue Screen of Death ▲

## Packing List

1 x IMB-3010M-R10 Single Board Computer
1 x Mini Jumper Pack
1 x ATA 66/100 Flat Cable (P/N: 32200-000052-RS)
1 x Dual RS-232 Cable (P/N:19800-000051-RS)
4 x SATA Cable (P/N:32000-000138-RS)
2 x SATA Power Cable (P/N:32100-087100-RS)
1 x I/O shielding
1 x Utility CD
1 x QIG