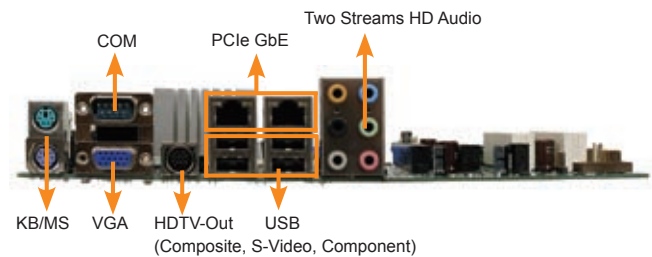
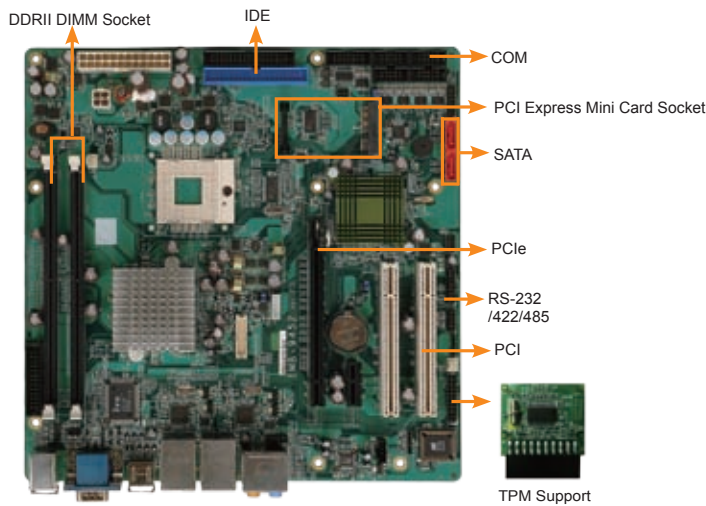


IMB-9452

micro-ATX Motherboard with Intel® Core 2 Duo, Core® Duo/Solo 667MHz FSB CPU, VGA, Dual PCIe GbE, SATA, USB 2.0, 6 COM and Audio



Specifications

- ◆ **CPU**
Socket M Intel® Core 2 Duo, Core Duo/ Solo with 667 MHz FSB
Intel® Celeron M Yonah core with 533MHz FSB
- ◆ **System Chipset**
Intel® 945GM + ICH7-M (82801GBM/GHM)
- ◆ **BIOS**
AMI BIOS
- ◆ **System Memory**
2 x 240-pin dual channel DDRII 533/667MHz up to 4GB
- ◆ **Ethernet**
Dual PCIe BROADCOM BCM5787 GbE chipsets with ASF2.0 remote control support.
- ◆ **I/O Interface**
6 x USB 2.0
5 x RS-232
1 x RS-232/422/485
1 x IDE
1 x FDD
1 x LPT
2 x SATA
2 x PS/2 for KB/MS
1 x IrDA
1 x 20-pin LPC (TPM Module)
- ◆ **Expansions**
One PCIe x16 (Support PCIe x1/ x16 PCIe add on cards)
1 x PCIe x1
1 x PCI Express Mini Card socket
2 x PCI
- ◆ **Digital I/O**
8-bit digital I/O, 4-bit input/ 4-bit output
- ◆ **Super I/O**
ITE-8712
- ◆ **HD Audio**
Realtek ALC883 with 7.1 channel HD audio and 2 streams audio support
- ◆ **Display Interface**
VGA Integrated in Intel 945GM
Support HDTV resolution up to 1080i / 1080p by component interface
18-bit dual channel LVDS
- ◆ **Watchdog Timer**
Software programmable 1-255 sec. by super I/O
- ◆ **Power Supply**
ATX support
- ◆ **Power Consumption**
5V@1.52A, 12V@1.76A, 3.3V@3.04A, 5VSB@0.32A
(Core® Duo 2.16GHz, DDRII 1GB*2)
- ◆ **Temperature**
Operation: 0°C ~ 60°C (32 ~ 140° F)
- ◆ **Humidity**
Operation: 5% ~ 95% non-condensing
- ◆ **Dimensions**
244 mm x 244 mm
- ◆ **Weight**
GW: 1200 g; NW: 700 g

Features

1. Intel® Core 2 Duo, Core Duo/ Solo with 667 MHz FSB CPU support
2. Support 1080p HDTV-Out, Dual channel LVDS, VGA and SDVO cards
3. Dual DDRII 533/667MHz DIMM socket support up to 4GB
4. FDD, LPT, SATA, IDE, USB 2.0 and COM

Packing List

1 x IMB-9452 Single Board Computer
2 x Dual RS-232 Cable (P/N: 32200-004101-RS)
1 x IDE Cable (P/N: 32200-000052-RS)
1 x SATA Power Cable (P/N: 32100-088600-RS)
2 x SATA Cable (P/N: 32000-062800-RS)
1 x HDTV out cable (P/N: 32000-083100-RS)
1 x I/O Shielding
1 x Mini Jumper Pack
1 x Utility CD
1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
IMB-9452-R10	micro-ATX Motherboard with Intel® Core Duo/Core Solo 667MHz Processor, LVDS/TV, Dual PCIe GbE, SATA and Audio
19800-000063-RS	Single RS-232/485 Cable
32200-000017-RS	FDD Cable
CB-USB02-RS	Dual USB Cable
CB-USB14-RS	Four USB Cable
TPM-SI01-R10	20-pin SINOSUN TPM Module, S/W Management
TPM-WI01-R10	20-pin WINBOND TPM Module, S/W Management
TPM-IN01-R10	20-pin INFINEON TPM Module, S/W Management
SDVO-100VGA-R10	PCIe x16 VGA Output SDVO Card supports dual display (IEI CPU board only)
SDVO-100DVI-R10	PCIe x16 DVI Output SDVO Card supports dual display (IEI CPU board only)
CF-479B-RS	CPU cooler