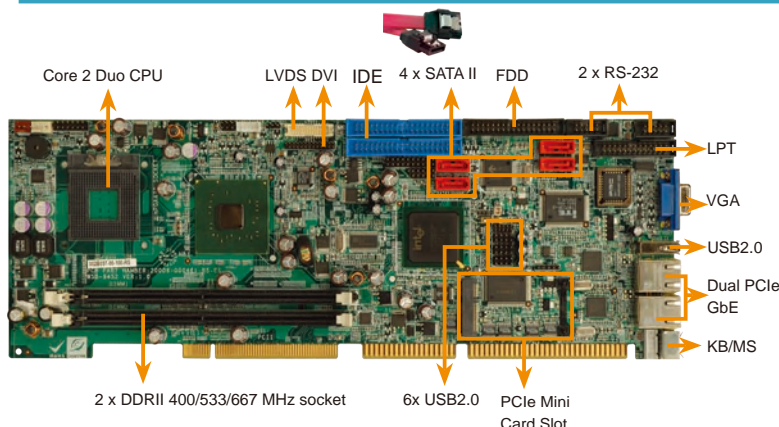


WSB-9452

PICMG 1.0 Intel® Core™ 2 Duo CPU with VGA / DVI/HDTV, Dual PCIe GbE, and SATA II

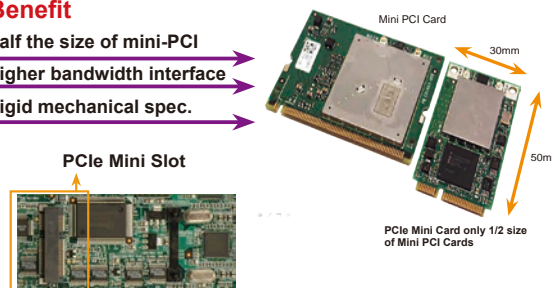


PCIe Mini concept

The PCIe Mini Card replaces the Mini PCI card, which is a small internal card functionally identical to standard desktop computer PCI cards. Mini PCI cards are used mainly to add communications functions to portable computers that are built- or customized-to-order. The PCIe Mini Card is half the size of the Mini PCI card.

Benefit

- Half the size of mini-PCI
- Higher bandwidth interface
- Rigid mechanical spec.



Features

1. PICMG 1.0 and RoHS RoHS compliant
2. Support Intel® Core™2 Duo processor with FSB 667 MHz
3. Support dual channel DDRII 400/533/667 MHz up to 4GB
4. 2 x RS-232, 7 x USB2.0, 4 x SATA II (WSB-9452S/9452S-DVI Only)

Specifications

- ◆ **CPU**
Socket M Intel® Core™2 Duo, Core™ Duo/Solo with 533/ 667 MHz FSB, Intel® Celeron M 533MHz (Yonah Core) FSB.
- ◆ **System Chipset**
Intel® 945GM + ICH7M
- ◆ **BIOS**
AMI Flash BIOS
- ◆ **System Memory**
2 x 240-pin dual channel DDRII 400/533/667 MHz up to 4GB
- ◆ **Ethernet**
Dual Broadcom BCM5787M PCIe GbE chipsets with ASF2.0 remote control support
- ◆ **I/O Interface**
2 x RS-232
7 x USB 2.0
1 x IDE (2 x IDE, WSB-9452S/WSB-9452SDVI Only)
1 x FDD
1 X LPT
2 x SATA II (4 x SATA II by JMB363 WSB-9452S/9452SDVI Only)
1 x PCIe Mini card slot
1 x IrDA
1 x PS/2 for KB/MS
1 x 20-pin LPC (TPM Module)
- ◆ **Digital I/O**
8-bit digital I/O, 4 input / 4 output
- ◆ **Display Interface**
VGA/HDTV out integrated in Intel® 945GM
DVI (WSB-9452DVI/WSB-9452S-DVI)
18-bit dual channel LVDS
- ◆ **Audio**
5.1 Channel AC'97 Audio Kit with Realtek ALC655 codec
7.1 Channel HD Audio Kit with Realtek ALC883 supports dual audio streams
- ◆ **Watchdog Timer**
Software programmable supports 1~255 sec. system reset
- ◆ **Power Supply**
AT/ATX Power
- ◆ **Power Consumption**
5V@4.15A, 12V@1.29A
(YONAH Core Duo T2700 2.33GHZ, DDRII 533MHz 1GB*2)
- ◆ **Temperature**
operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**
operation: 5% ~ 95% non-condensing
- ◆ **Dimensions**
338(L)mm x 122(W)mm
- ◆ **Weight**
GW: 1.2Kg

Packing List

1 x WSB-9452 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)
1 x SATA Power cable (P/N: 32100-088600-RS)
1 x IO-KIT-001-R20 (DVI model only)
2 x SATA cable (P/N: 32000-062800-RS)
1 x KB/MS Y cable (P/N:32000-000138-RS)
1 x USB cable (P/N:CB-USB02-RS)
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
WSB-9452-R10	PICMG1.0 Intel Core™ 2 Duo 533/ 667MHz processor, VGA/LVDS/HDTV, and Dual PCIe GbE.
WSB-9452DVI-R10	PICMG1.0 Intel Core™ 2 Duo 533/ 667MHz processor, VGA/LVDS/HDTV/DVI, and Dual PCIe GbE.
WSB-9452S-R10	PICMG1.0 Intel Core™ 2 Duo 533/ 667MHz processor, VGA/LCD, Dual PCIe GbE, and 4 x SATA II.
WSB-9452SDVI-R10	PICMG1.0 Intel Core™ 2 Duo 533/ 667MHz processor, VGA/LCD/DVI, Dual PCIe GbE, and 4 x SATA II.
CPU cooler	CF-479B-RS
HDTV Cable Set-01	HDTV Cable Set with Composite/ S-Video/ Component output
AC-KIT08R-R10	5.1 Channel Audio Kit with Realtek ALC655
AC-KIT-883 HD-R10	7.1 Channel HD Audio Kit with Realtek ALC883 supports dual audio streams
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable