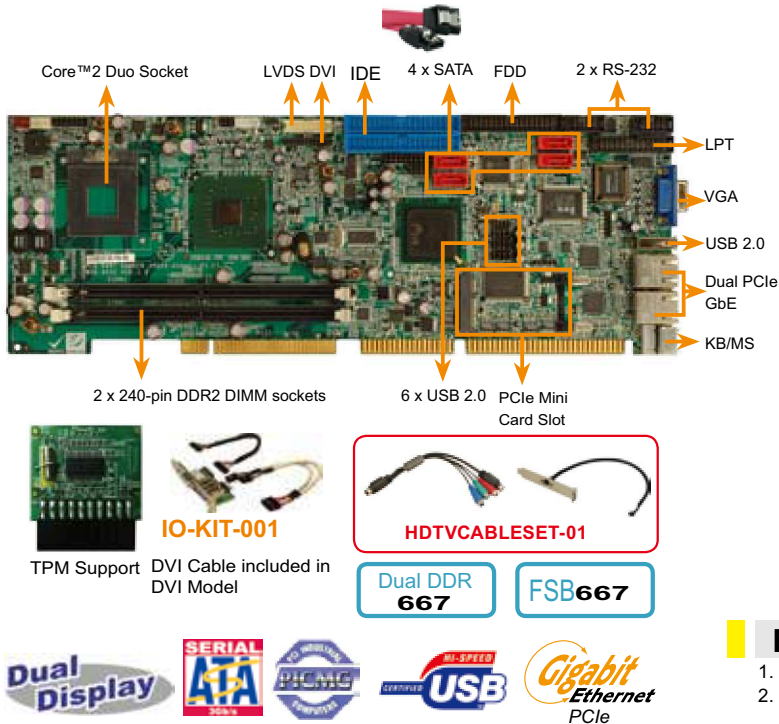


WSB-9452

Full-size PICMG 1.0 CPU card supports Socket M Intel® Core™2 Duo processors and comes with VGA, DVI, HDTV, dual PCIe GbE LAN and SATA interfaces



PCIe Mini Card 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.

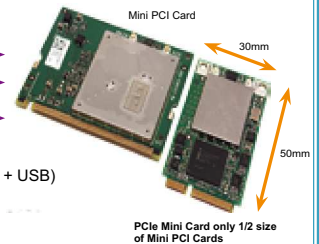
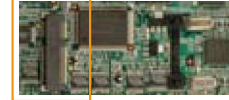
Benefit

Half the size of mini-PCI

Higher bandwidth interface

Rigid mechanical spec.

PCIe Mini Slot
(PCIe x1 + USB)



Features

1. PICMG 1.0 and RoHS compliant
2. Supports LGA775 Intel® Core™2 Duo, Pentium® 4, Pentium® D and Celeron® D processors with a 1066 MHz FSB
3. Four 240-pin 1 GB (max.) 667/533/400 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4 GB)
4. Two PCIe GbE controllers

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

Ordering Information

Part No.	Description
WSB-9452-R10	PICMG1.0 Intel Core™ 2 Duo 533/ 667MHz processor, VGA/LVDS/HDTV, and Dual PCIe GbE 2 x SATA
WSB-9452DVI-R10	PICMG1.0 Intel Core™ 2 Duo 533/ 667MHz processor, VGA/LVDS/HDTV/DVI, and Dual PCIe GbE, 2 x SATA
WSB-9452S-R10	PICMG1.0 Intel Core™ 2 Duo 533/ 667MHz processor, VGA/LCD, Dual PCIe GbE, and 4 x SATA.
WSB-9452SDVI-R10	PICMG1.0 Intel Core™ 2 Duo 533/ 667MHz processor, VGA/LCD/DVI, Dual PCIe GbE, and 4 x SATA.
CF-479B-RS	CPU cooler
HDTVCABLESET-01	HDTV cable set with Composite/ S-Video/ Component output
AC-KIT08R-R10	5.1 Channel audio kit with Realtek ALC655
AC-KIT883HD-R10	7.1 Channel HD audio kit with Realtek ALC883 supports dual audio streams
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable

Specifications

- ◆ CPU
Socket M Intel® Core™2 Duo, Core™ Duo, Core™ Solo and Celeron® M mobile processors with a 533 MHz or 667MHz FSB
- ◆ System Chipset
Intel® 945GM + ICH7M
- ◆ BIOS
AMI Flash BIOS
- ◆ System Memory
Two 240-pin 2 GB (max.) 667 MHz, 533 MHz or 400 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4 GB)
- ◆ Ethernet
Dual Broadcom BCM5787M PCIe GbE chipsets with ASF2.0
- ◆ I/O Interface
2 x RS-232
7 x USB 2.0 (1 on bracket, 6 on board)
1 x IDE (2 x IDE, WSB-9452S/WSB-9452SDVI Only)
1 x FDD
1 x LPT
2 x SATA (4 x SATA by JMB363 WSB-9452S/9452SDVI Only)
1 x PCIe Mini card slot
1 x Infrared
1 x Keyboard and mouse (PS/2)
1 x 20-pin LPC (TPM Module)
- ◆ Digital I/O
8-bit digital I/O, 4-bit input/4-bit output
- ◆ Display Interface
VGA/HDTV out integrated in Intel® 945GM
DVI (WSB-9452DVI/WSB-9452SDVI)
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
5 V @ 4.15 A, 12 V @ 1.29 A running a 2.33 GHz Yonah core Intel® Core™ Duo T2700 processor and 2 GB of 533 MHz DDR2 SDRAM
- ◆ Temperature
operation: 0°C ~ 60°C (32°F~ 140°F)
- ◆ Humidity
Operating: 5% ~ 95% non-condensing
- ◆ Dimensions
338(L) mm x 122(W) mm
- ◆ Weight
GW: 1.2 kg