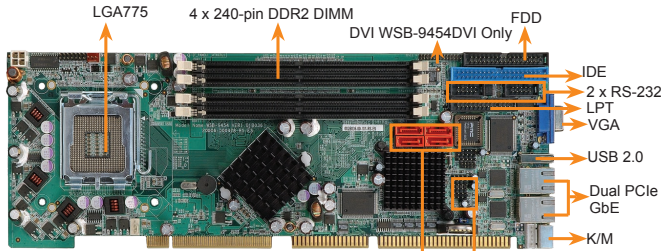


WSB-9454-R12

Full-size PICMG 1.0 CPU card supports LGA775 Intel® Core™ 2 Duo, Pentium® D, Pentium® 4 and Celeron® D processors and comes with VGA or DVI, dual PCIe GbE LAN and 3.0 Gbps SATA II interfaces



Features

1. Supports LGA775 Intel® Core™2 Duo, Pentium® 4, Pentium® D and Celeron® D processors with a 533 MHz, an 800 MHz or a 1066 MHz FSB
2. Dual Core processors combined physically
3. Enhanced Technology for better power consumption
4. Intel® EMT64 Technology support future 64-bit OS Appliance

Specifications

- ◆ CPU: LGA775 Intel® Core™2 Duo, Pentium® D, Pentium® 4, and Celeron® D desktop processors with a 533 MHz, 800 MHz or 1066MHz FSB
- ◆ System Chipset: Intel® 945G+ ICH7
- ◆ BIOS: AMI Flash BIOS
- ◆ System Memory: Four 240-pin 1 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 chipset with ASF2.0
- ◆ I/O Interface: 2 x RS-232, 7 x USB 2.0 (1 on bracket, 6 on board), 1 x IDE, 1 x FDD, 1 x LPT, 4 x SATA II, 1 x Infrared, 1 x Keyboard and mouse (PS/2), 1 x 5-pin header for keyboard
- ◆ Digital I/O: 8-bit digital I/O, 4-bit input/4-bit output
- ◆ Display Interface: VGA integrated in Intel® 945G DVI by Silicon Image SIL1362 (WSB-9454DVI only)
- ◆ Audio: 5.1 Channel AC'97 audio kit with realtek ALC655 codec, 7.1 Channel HD audio kit with realtek ALC883 support dual audio streams
- ◆ Watchdog Timer: Software programmable supports 1~255 sec. system reset
- ◆ Power Supply: AT/ATX power
- ◆ Power Consumption: 5 V @ 6.75 A, 12 V @ 7.24 A running 3D Mark with a 3 GHz Intel® Pentium® 4 processor and 4 GB of 533 MHz DDR2 SDRAM
- ◆ Temperature: Operating: 0°C ~ 60°C (32°F~140°F)
- ◆ Humidity: Operation: 5% ~ 95% non-condensing
- ◆ Dimensions: 338 mm x 122 mm
- ◆ Weight: GW:1.2 Kg

Packing List

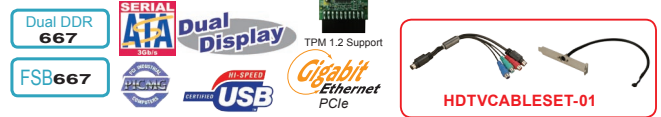
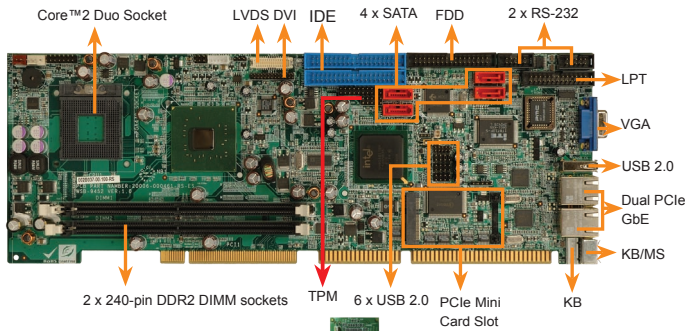
1 x WSB-9454 single board computer
1 x Mini jumper pack
1 x ATA 66 flat cable (P/N:32200-000052-RS)
1 x Dual RS-232 cable (P/N: 19800-000051-RS)
1 x SATA Power cable (P/N: 32100-088600-RS)
1 x IO-KIT-001-R20 (DVI model only)
2 x SATA cable (P/N: 32000-062800-RS)
1 x KB/MS Y-cable (P/N:32000-133200-RS)
1 x USB cable (P/N:CB-USB02-RS)
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
WSB-9454-R12	PICMG1.0 Intel® Core™2 Duo, Pentium® 4/D/ Celeron® D 1066 MHz processor, VGA, Dual PCIe GbE, and SATA II.
WSB-9454DVI-R12	PICMG1.0 Intel® Core™2 Duo, Pentium® 4/D/ Celeron® D 1066 MHz processor, VGA/ DVI, Dual PCIe GbE, and SATA II.
AC-KIT883HD-R10	7.1 channel HD audio kit with realtek ALC883 supports dual audio streams
AC-KIT08R-R10	5.1 channel AC'97 audio kit with realtek ALC655 code
CF-775A-RS	High performance CPU cooler (92 mm x 92 mm x 73 mm,130 W)
CF-520-RS-R11	High performance CPU cooler (115 mm x 115 mm x 67 mm,115 W)
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable

WSB-9452-R20

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, SATAII interfaces



Features

1. PICMG 1.0 and RoHS compliant
2. Socket M Intel® Core™2 Duo, Core™ Duo, Core™ Solo and Celeron® M mobile processors with a 533 MHz or 667 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

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 5-pin header for keyboard, 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

Packing List

1 x WSB-9452 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)
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)
4 x SATA cable (P/N: 32000-062800-RS) for WSB-9452S/9452SDVI
1 x KB/MS Y-cable (P/N:32000-133200-RS)
1 x USB cable (P/N:CB-USB02-RS)
2 x SATA cable (P/N: 32000-062800-RS)
1 x Utility CD
1 x QIG

Ordering Information

Part No.	Description
WSB-9452-R20	PICMG1.0 Intel® Core™2 Duo 533/ 667 MHz processor, VGA/ LVDS/HDTV, and Dual PCIe GbE 2 x SATA
WSB-9452DVI-R20	PICMG1.0 Intel® Core™2 Duo 533/ 667 MHz processor, VGA/ LVDS/HDTV/DVI, and Dual PCIe GbE, 2 x SATA
WSB-9452S-R20	PICMG1.0 Intel® Core™2 Duo 533/ 667 MHz processor, VGA/ LVDS/HDTV, Dual PCIe GbE, and 4 x SATA.
WSB-9452SDVI-R20	PICMG1.0 Intel® Core™2 Duo 533/ 667 MHz processor, VGA/ LVDS/HDTV/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

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