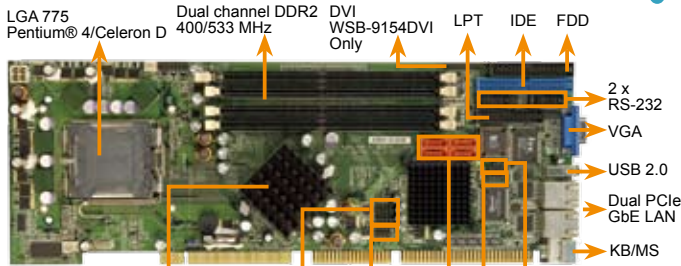


### WSB-9154-R20

Full-size PICMG 1.0 CPU card supports LGA775 Intel® Pentium® 4 processors with an 800MHz; FSB and comes with VGA, PCIe GbE LAN, SATA and USB 2.0



#### Features

1. PICMG 1.0 and RoHS compliant
2. Supports LGA775 Intel® Pentium® 4 and Celeron® D processors with an 800 MHz (max.) FSB
3. Four 240-pin 1 GB (max.) 533 MHz or 400 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4 GB)
4. Two high-performance PCIe GbE controllers
5. Four SATA connectors and seven USB 2.0 interfaces

#### Specifications

- ◆ CPU: LGA775 Intel® Pentium® 4 and Celeron® D processors with a 533 MHz or 800MHz FSB
- ◆ System Chipset: Intel® 915GV + ICH6
- ◆ BIOS: AMI Flash BIOS
- ◆ System Memory: Four 240-pin 1 GB (max.) 533 MHz or 400 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 4 GB)
- ◆ Ethernet: Dual PCIe GbE by Broadcom BCM5787M chipsets
- ◆ I/O:
  - 2 x RS-232
  - 1 x LPT
  - 7 x USB 2.0 (1 on bracket, 6 on board)
  - 4 x SATA
  - 1 x IDE
  - 1 x FDD
  - 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® 915GV; DVI by Silicon Image SIL1362CLU (WSB-9154DVI Only)
- ◆ 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 @ 3.86A, 12 V @ 5.21 A running a 3.4 GHz Intel® Pentium® 4 2 MB cache processor with a 800 MHz FSB and 2 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

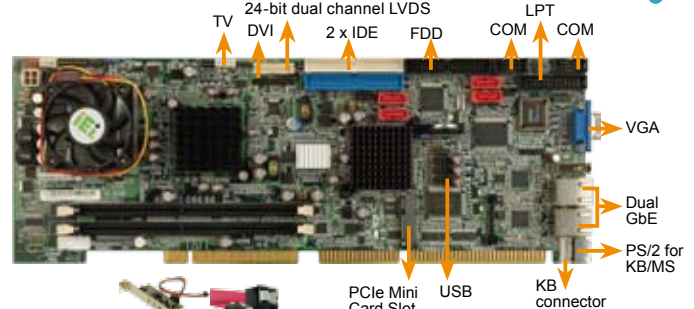
1 x WSB-9154 single board computer
1 x Mini jumper pack
1 x ATA 66/100 flat cable (P/N: 32200-000052-RS)
2 x SATA cable (P/N: 32000-062800-RS)
1 x SATA power cable (P/N: 32100-088600-RS)
1 x IO-KIT-001-R20 (DVI mode Only)
1 x KB/MS Y-cable (P/N: 32000-000138-RS)
1 x Dual RS-232 cable (P/N: 19800-000051-RS)
1 x USB cable (P/N: CB-USB02-RS)
1 x Utility CD
1 x QIG (Quick Installation Guide)

#### Ordering Information

Part No.	Description
WSB-9154-R20	PICMG 1.0 LGA775 Intel® Pentium® 4/ Celeron® D CPU Card with VGA, Dual GbE and SATA
WSB-9154DVI-R20	PICMG 1.0 LGA775 Intel® Pentium® 4/ Celeron® D CPU Card with VGA, Dual GbE, SATA and DVI function
CF-775A-RS	CPU cooler
AC-KIT08R-R10	5.1 Channel AC'97 audio kit with Realtek ALC655 codec
AC-KIT883HD-R10	7.1 Channel HD audio kit with Realtek ALC883 supports dual audio streams
32100-087100-RS	ATX-12V cable
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable

### WSB-9152-R21

Full-size PICMG 1.0 CPU card supports Socket 479 Intel® Pentium® M processors with a 533 MHz; FSB and comes with VGA, PCIe GbE LAN, USB 2.0, SATA and SATA II interfaces



#### Features

1. PICMG 1.0 and RoHS compliant
2. Supports 2.0 GHz (max.) Socket 479 Intel® Pentium® M processors with a 533 MHz FSB or Banias core Celeron® M processors with a 400 MHz FSB
3. Two 1.5 Gbps SATA connectors, two 3.0 Gbps SATA II connectors (WSB-9152S only) and seven USB 2.0 interfaces

#### Specifications

- ◆ CPU: Socket 479 Intel® Pentium® M and Celeron® M processors with a 400 MHz or 533 MHz FSB
- ◆ System Chipset: Intel® 915GM + ICH6-M
- ◆ BIOS: Award Flash BIOS
- ◆ System Memory: Two 240-pin 1 GB (max.) 533 MHz or 400 MHz dual-channel DDR2 SDRAM DIMM supported (system max. 2 GB)
- ◆ Ethernet: Dual PCIe Broadcom BCM5787M GbE
- ◆ I/O Interface:
  - 2 SATA (Extra 2 SATA II for WSB-9142S/9152SDVI)
  - 7 x USB 2.0 (1 on bracket, 6 on board)
  - 2 x RS-232
  - 1 x Keyboard and mouse (PS/2)
  - 1 x IDE (Extra 1 x IDE for WSB-9142S/9152SDVI)
  - 1 x FDD
  - 1 x LPT
  - 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 915GM; 18/24-bit dual channel LVDS DVI by Chronitel 7308C (WSB-9152DVI/9152SDVI Only) HDTV-out with 1080i support
- ◆ 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 support
- ◆ Power Consumption: 12 V @ 2.08 A, 5 V @ 3.6 A, -12 V @ 0.1 A, 5 Vsb @ 0.93 A running a 2 GHz Intel® Pentium® M processor with a 533 MHz FSB and 512 MB of 400 MHz DDR SDRAM
- ◆ Temperature: Operating: 0°C~60°C (32°F~140°F)
- ◆ Humidity: Operating: 5% ~ 95% non-condensing
- ◆ Dimensions: 338 mm X 122 mm
- ◆ Weight: GW: 1.1 Kg

#### Packing List

1 x WSB-9152 single board computer
1 x Mini jumper pack
1 x ATA 66/100 flat cable (P/N: 32200-000052-RS)
2 x SATA cable (P/N: 32000-062800-RS)
1 x SATA power cable (P/N: 32100-088600-RS)
4 x SATA cable for WSB-9152S / WSB-9152SDVI (P/N: 32000-062800-RS)
2 x SATA power cable for WSB-9152S / WSB-9152SDVI (P/N: 32100-088600-RS)
1 x KB/MS Y-cable (P/N: 32000-000138-RS)
1 x ATX-12V cable (P/N: 32100-087100-RS)
1 x RS-232 cable (P/N: 19800-000051-RS)
1 x USB cable (P/N: CB-USB02-RS)
1 x Utility CD
1 x QIG
1 x IO-KIT-001-R20 (DVI model only)

#### Ordering Information

Part No.	Description
WSB-9152-R21	PICMG 1.0 Socket 479 533MHz FSB CPU Card with VGA, PCIe GbE, USB 2.0, and SATA
WSB-9152S-R21	PICMG 1.0 Socket 479 533MHz FSB CPU Card with VGA, PCIe GbE, USB 2.0, SATA and SATA II
WSB-9152DVI-R21	PICMG 1.0 Socket 479 533MHz FSB CPU Card with VGA, PCIe GbE, USB 2.0, SATA and DVI function
WSB-9152SDVI-R21	PICMG 1.0 Socket 479 533MHz FSB CPU Card with VGA, PCIe GbE, USB 2.0, SATA, SATA II and DVI function
CF-479B-RS	CPU cooler
AC-KIT08R-R10	5.1 Channel AC'97 audio kit with Realtek ALC655 codec
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
HDTVCABLESET-01	HDTV Cable Set with S-Video/ Composite/ Component Interface