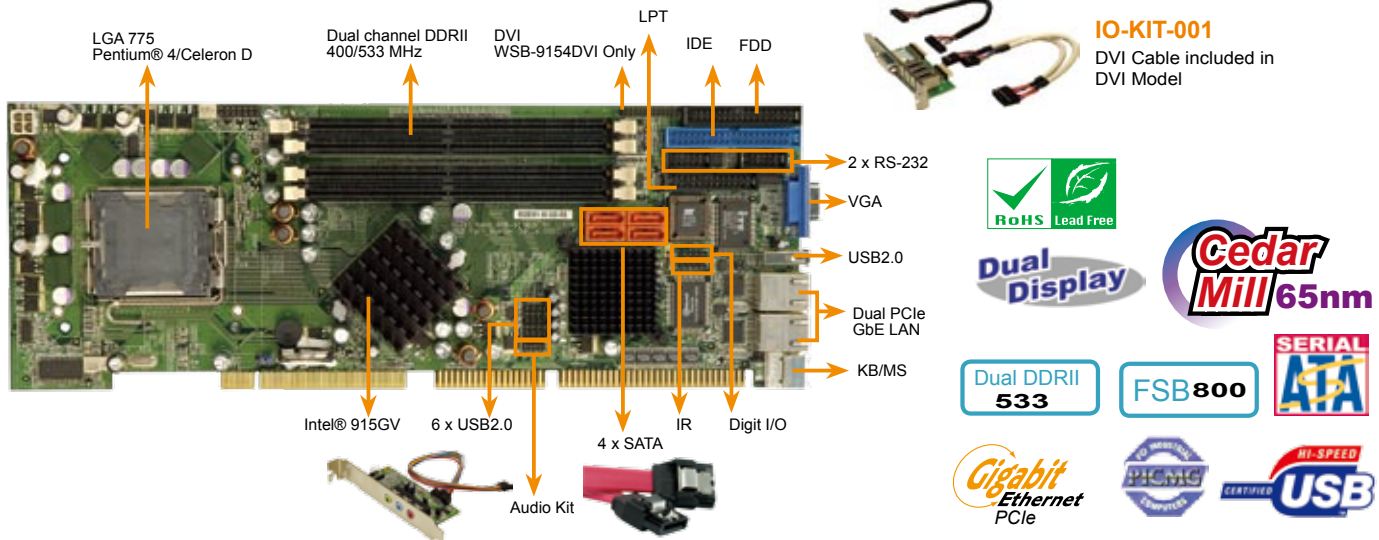


# WSB-9154-R20

PICMG 1.0 LGA775 Intel® Pentium® 4 800MHz FSB  
CPU Card with VGA, PCIe GbE, SATA, and USB2.0



## Specifications

- ◆ **CPU**  
LGA775 Intel® Pentium® 4/Celeron® D support 800 / 533MHz FSB up to 3.8GHz.
- ◆ **System Chipset**  
Intel® 915GV + ICH6
- ◆ **BIOS**  
AMI Flash BIOS
- ◆ **System Memory**  
4 x 240-pin dual channel DDRII 533/400MHz up to 4GB
- ◆ **Ethernet**  
Dual PCIe GbE by Broadcom BCM5787M chipsets
- ◆ **I/O**  
2 x RS-232  
1 x LPT  
7 x USB 2.0  
4 x SATA  
1 x IDE  
1 x FDD  
1 x IrDA  
1 x PS/2 for KB / MS
- ◆ **Digital I/O**  
8-bit digital I/O, 4 input / 4 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**  
5V 3.86A, 12V 5.21A (P4-3.4GHz/2M/800, 1GB DDRII 533 x 2)
- ◆ **Temperature**  
operation: 0 ~ 60° C (32 ~ 140° F)
- ◆ **Humidity**  
operation: 5% ~ 95% non-condensing
- ◆ **Dimensions**  
338mm X 122mm
- ◆ **Weight**  
GW: 1.2Kg

## Features

1. PICMG 1.0 and RoHS compliant
2. LGA 775 Intel® Pentium® 4/ Celeron® D CPU support up to FSB 800MHz
3. Dual channel DDRII 533/400 MHz support up to 4GB
4. Dual high performance PCIe Gigabit Ethernet chipset
5. 4 x SATA, 7 x USB 2.0

## 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 Pentium4/ Celeron-D CPU Card with VGA, Dual GbE and SATA
WSB-9154DVI-R20	PICMG 1.0 LGA775 Intel Pentium4/ 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-KIT-883HD-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

1

Single Board Computer

2

VIDEO CARD

3

Xscale Solutions

4

Open HMI

5

VITO Universal Controller

6

DINO BLADE

7

LCD Product Series

8

Embedded System

9

Industrial Computer Chassis

10

Power Supply

11

Peripherals