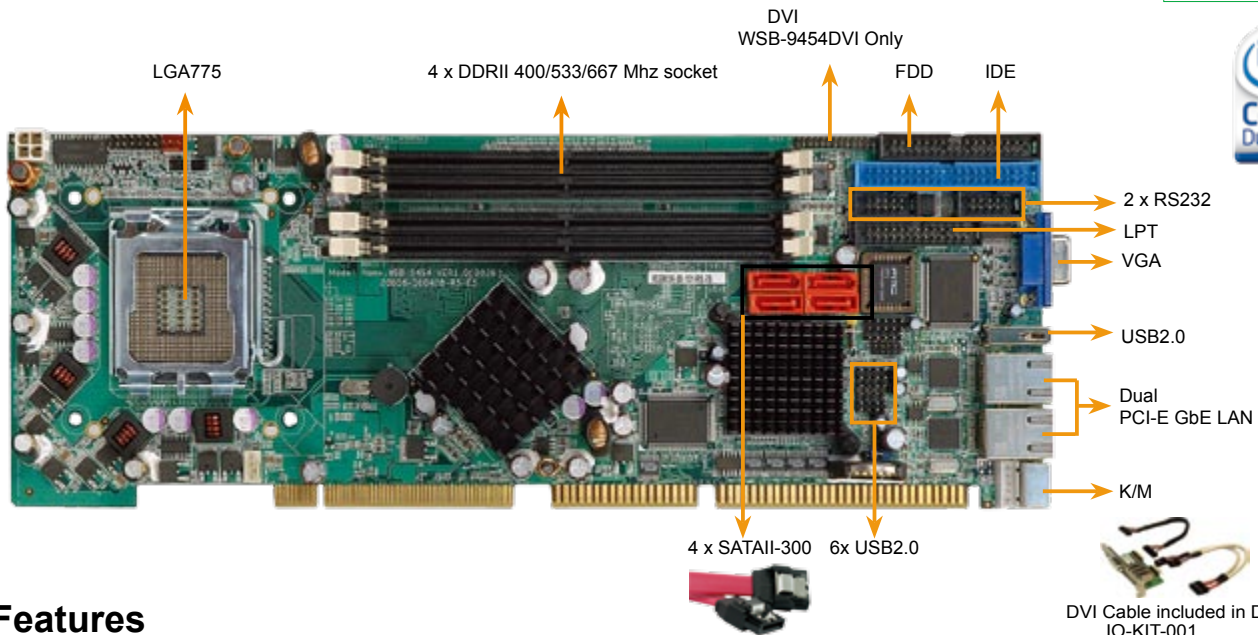


# WSB-9454

PICMG 1.0 LGA775 Intel® Core™ 2 Duo, Pentium® D/4, Celeron® D CPU  
with VGA/ DVI, Dual PCIE GbE, SATAII and Audio



## Features

1. PICMG 1.0 and RoHS compliance
2. LGA 775 Intel® Core™ 2 Duo, Pentium® 4/D/ Celeron® D support up to 1066 MHz
3. Support 4x DDRII 400/533/667 Mhz supported 4GB
4. 2 x RS232, 7 x USB2.0, 4x SATA-300

## Specifications

DDRII 667

FSB 1066



### ◆ CPU

LGA 775 Intel® Core™ 2 Duo, Pentium® D/4, Celeron® D with 533/800/1066 MHz FSB

### ◆ System Chipset

Intel® 945G+ ICH7

### ◆ BIOS

AMI Flash BIOS

### ◆ System Memory

4 x 240-pin Dual channel DDRII 400/533/667 Mhz up to 4GB

### ◆ Ethernet

Dual Broadcom BCM5787 PCI express GbE with ASF2.0 remote control support.

### ◆ I/O

#### I/O Interface

- 2 x RS232
- 7 x USB 2.0
- 1 x IDE
- 1 X LPT
- 4 x SATAII-300
- 1 x IrDA
- 1 x PS2 for KB/MS

### ◆ Digital I/O

8 bit digital I/O, 4 input / 4 output

### ◆ Display

VGA integrated in Intel® 945G  
DVI by silconimage SIL1362 (WSB-9454DVI Only)

### ◆ Audio

5.1 Channel Audio Kit with Realtek ALC655

### ◆ Watchdog Timer

Software programmable supports 1~255 sec. system reset

### ◆ Power Supply

ATX Power

### ◆ Power Consumption

+5V@6.75A,+12V@7.24A  
(Pentium® 4 3.0GHz, DDR2 533MHz 1GB\*4)-3D MARK

### ◆ Temperature

operation: 0 ~ 60° C (32 ~ 140° F)

### ◆ Humidity

operation: 5% ~ 95% non-condensing

### ◆ Dimension

338(L)mm x 122(W)mm

### ◆ Weight

GW: 1.2Kg

# Intel® Core™ 2 Duo Processors

## Platform Positioning



WSB-9454

**Intel® Core™2 Duo processor (Fundamental)**  
Intel® Q33 Express Chipset3  
Intel® AMT®4



Processors and TDP	Intel® Core™2 Duo processor E6300	Intel® Pentium® D processor 950
TDP	65 Watts	130 Watts

Intel® Pentium® D Processor 950 have 50% higher TDP than Intel® Core™2 Duo processor E6300.



WSB-9454

**Intel® Pentium® D processor 800 & 900 sequences**  
Intel® Q963 & 945GZ Express Chipset

900series	TDP
950	130 W
940	130 W
930	95 W
920	95 W
800series	TDP
840	130 W
830	130 W
820	95 W



WSB-9154  
Rocky-6614

**Intel® Pentium® 4 processor 500 & 600 sequences**  
Intel® 865G Express Chipset

## Main Features 1

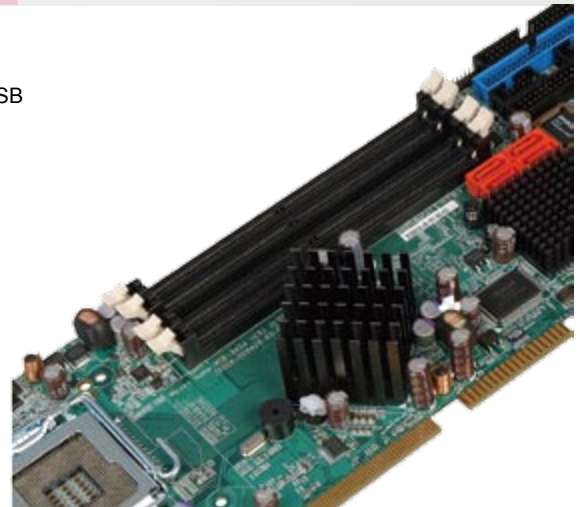
Support Intel® Core™ 2 Duo, Pentium® 4/D, Celeron D with 1066/800/533 MHz FSB

- Dual Core Pentium-4 Processors combined physically
- Enhanced Intel Speedstep Technology for better power consumption
- Intel® EMT64 Technology support future OS Appliance

## Main Features 2

New Memory Architecture

This new design includes wider internal data buses that support UP TO 4GB dual-channel DDR2 memory technology at 667 MHz (up to 10.7 GB/s of peak memory bandwidth) for greater platform performance and memory flexibility.



## Packing List

1 x WSB-9454 single board computer	2 x SATA cable (P/N: 32000-062800-RS)
1 x Mini jumper pack	1 x KB/MS Y cable (P/N:32000-000138-RS)
1 x ATA 66/100 flat cable (P/N:32200-000052-RS)	1 x USB cable (P/N:CB-USB02-RS)
1 x Dual RS232 cable (P/N: 19800-000051-RS)	1 x Utility CD
1 x SATA Power cable (P/N: 32100-088600-RS)	1 x QIG
1 x IO-KIT-001-R20 (DVI Only)	

## Ordering Information

Part No.	Description
WSB-9454-R10	PICMG1.0 Intel® Core™ 2 Duo, Pentium® 4/D/ Celeron® D 1066MHz processor, VGA, Dual PCIE GbE, and SATAII.
WSB-9454DVI-R10	PICMG1.0 Intel® Core™ 2 Duo, Pentium® 4/D/ Celeron® D 1066MHz processor, VGA/ DVI, Dual PCIE GbE, and SATAII.
AC-KIT08R-R10	5.1 Channel Audio Kit with Realtek ALC655
CF-520-RS	CPU Cooler
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable
CF-775A-RS	CPU cooler