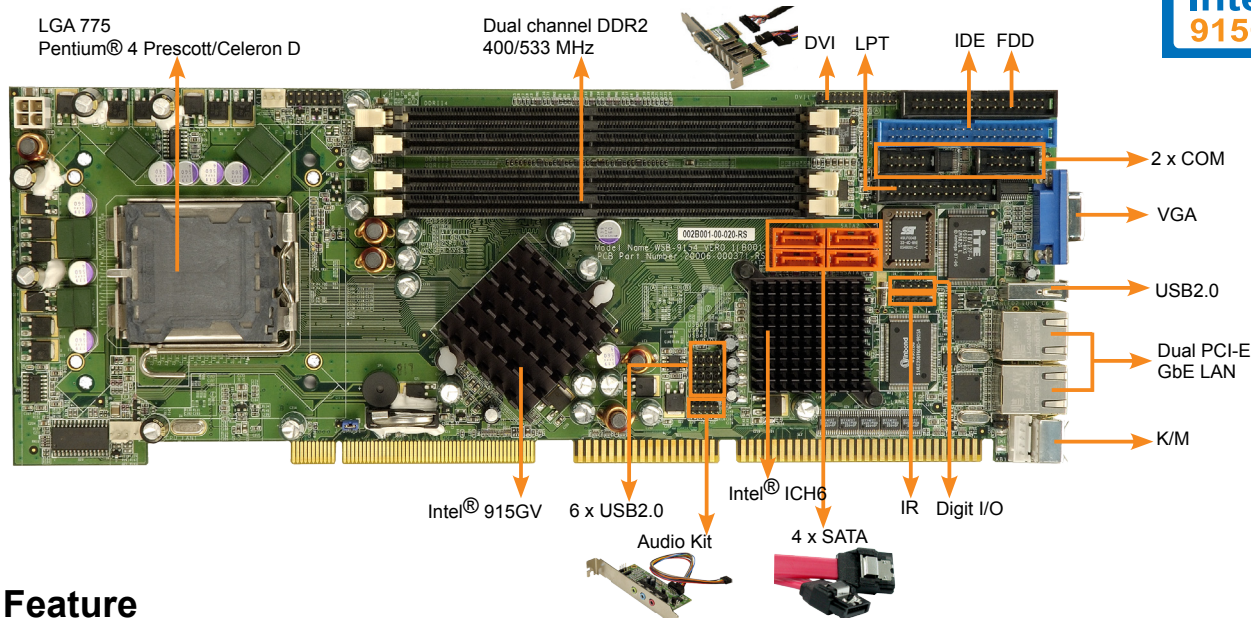


WSB-9154

The latest and the most-powerful member of the WSB-915 family !!

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



Feature

1. PICMG 1.0 and RoHS compliance
2. Intel® LGA 775 P4 Prescott/Celeron® D CPU support up to FSB 800MHz
3. Dual channel DDRII-400/533 MHz support up to 4GB
4. Dual high performance PCI Express Gigabit Ethernet controller
5. 4 x SATA-150, 7 x USB 2.0(6 by pin header)

Specification

DDR2 400/533

FSB 800/533



◆ CPU

Intel® CPU LGA775 P4 Prescott/Celeron® D support 800/533 MHz FSB up to 3.8GHz with Hyper-Threading Technology.

◆ System Chipset

Intel® 915GV + ICH6

◆ BIOS

AMI Flash BIOS

◆ System Memory

4 x DDRII 240-pin sockets of 533/400MHz DDR SDRAM up to 4GHz

◆ Ethernet

Dual Marvell 88E8053 GbE

◆ I/O

I/O Interface

- 2 x RS-232 by 2 x 5 pin header
- 1 x LPT by 2 x 13 pin header
- 1 x IrDA by 1 x 5 pin header
- 1 x USB connector
- 6 x USB 2.0 by 2 x 4 pin header
- 4 x SATA-150 connectors
- 1 x FDD by 2 x 17 Pin header
- 1 x PS2 Keyboard / Mouse
- 2x5 Pin header for 4 input/4 output GPIO

◆ Display

Graphic Controller

Intel® Graphics Media Accelerator 900
Silicon Image SIL1362CLU SDVO -> DVI

◆ Audio(Optional)

AC '97 interface
Provides 10 Pin header for optional audio kit

◆ Watchdog Timer

Software programmable supports 1~255 sec. system reset

◆ Power Supply

4 pin ATX 12V, 20 pin ATX Power on PICMG1.0 backplane

◆ 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

◆ Dimension

338(W)mm X 122(L)mm

◆ Weight

GW: 1.2Kg

Evolution in 915 Family

Born for today's applications, WSB-9154 is powered by runs on LGA775 CPU upto 3.8 GHZ, 4 DDRII memory DIMMs up to 4GHz, and Dual PCI Express Gb Ethernet controllers. WSB-9154 is a natural successor to WSB-9150 for those who crave for extreme performance

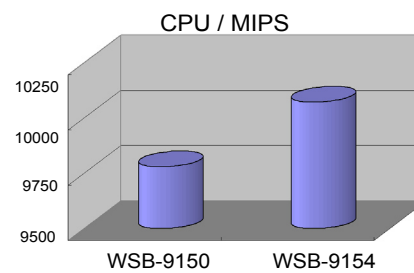
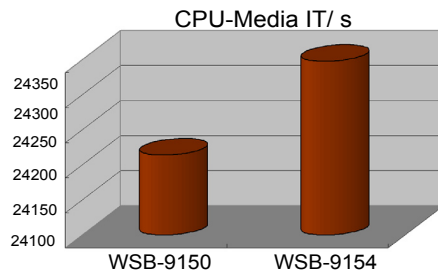
Double buffer size performance

Upgrading Performance
LGA 775 CPU Architecture
Better and Even Better!

Better performance in WSB-9154 brought by a CPU upgrade

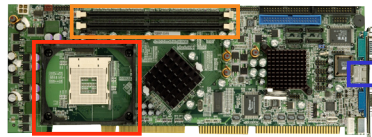
Model		Workstation	
WSB-9154 CPU Type	P4-3.4G/2M/800 (LGA 775 HT)	RAM Module	Kingston DDRII533 1Gx2
WSB-9150 CPU Type	P4-3.2G/512K/800 (Socket 478 HT)	RAM Module	Transcend DDR400 1Gx2
HDD Type	WD 80G (IDE)	DVD ROM	BENQ DVD 16X

SiSoft Sandra Standard			SiSoft Sandra Standard		
Function	Item	Score	Function	Item	Score
1.CPU	Dhrystone ALU	10072 MIPS	1.CPU	Dhrystone ALU	9779 MIPS
2.CPU-Media	Integer X 4 iSSE	24348 IT/s	2.CPU-Media	Integer X 4 iSSE	24214 IT/s



WSB-9150

2 x Dual Channel DDR 333/400



Socket 478 P4
Prescott/Celeron D
up to 3.4GHz

Single
PCI-E GbE

WSB-9150 :
Socket 478, Dual DDR,Single PCI-E
GbE

Model Name	WSB-9150	WSB-9154
Form Factor	PICMG	PICMG
Chipset	i915GV	i915GV
CPU Socket	S-478	LGA775
CPU FSB	800	800
CPU Frequency (GHz)	3.4	3.8
Memory Socket	DDR*2	DDRII*4
Memory Frequency	DDR400	DDRII400/533
IDE (drive)	1	1
SATA (drive)	4	4
LAN	PCI-E GbE	Dual PCI-E GbE
SSD	NA	NA
AUDIO	Optional	Optional
Cooler	CF-514/CF-519	CF-520

WSB-9154

4 x Dual Channel DDRII 533/400



Intel LGA 775 P4
Prescott/Celeron D
up to 3.8GHz

Dual
PCI-E GbE

WSB-9154 :
LGA 775, 4xDDR2, Dual PCI-E GbE

Packing List

1 x WSB-9154 single board computer	1 x Keyboard/ PS2 mouse Y cable (P/N: 32000-000138-RS)
1 x Mini jumper pack	1 x RS-232 cable (P/N: 19800-000051-RS)
1 x ATA 66/100 flat cable (P/N: 32200-000052-RS)	1 x USB cable (P/N: CB-USB02-RS)
2 x SATA cable (P/N: 32000-062800-RS)	1 x Utility CD (P/N: IEI-7B000-000087/CD1)
1 x SATA power cable (P/N: 32100-088600-RS)	1 x QIG (quick installation guide)

Ordering Information

Part No.	Description
WSB-9154-R10	PICMG 1.0 LGA775 Intel Pentium4/ Celeron-D CPU Card with VGA, Dual GbE and SATA
WSB-9154DVI-R10	PICMG 1.0 LGA775 Intel Pentium4/ Celeron-D CPU Card with VGA, Dual GbE, SATA and DVI function
CF-520-RS	CPU Cooler
AC-KIT08R-R10	Audio Kit
32100-087100-RS	1 x ATX-12V cable
32200-000017-RS	FDD cable
19800-000049-RS	LPT cable



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