

# Full Size PICMG 1.0 Selection Guide



Model Name	WSB-9152-R30	WSB-9150-R21	ROCKY-6612-R20	ROCKY-4786EVG-RS-R40	ROCKY-3786EVGU2-RS-R40
<b>CPU Socket</b>	Socket 479	Socket 478	Socket 479	Socket 478	Socket 370
<b>CPU Type</b>	Intel® Pentium® M/Celeron® M	Intel® Pentium® 4/ Celeron® D	Intel® Pentium® M/Celeron® M	Intel® Pentium® 4/ Celeron® D	Intel® Pentium® III
<b>FSB</b>	400/533 MHz	533/800 MHz	400/533 MHz	533/800 MHz	100/133 MHz
<b>Chipset</b>	Intel® 915GME + ICH6-M	Intel® 915GV + ICH6	SiS 661CX + SiS964	Intel® 865GV+ ICH5	Intel® 815E + ICH2
<b>Memory</b>	2 x 240-pin, Max. 2 GB, 400/533 MHz dual-channel DDR2 SDRAM DIMM	2 x 184-pin, Max. 2GB, 333/400 MHz dual-channel DDR SDRAM DIMM	2 x 184-pin, Max. 2GB, 333/400 MHz dual-channel DDR SDRAM DIMM	2 x 184-pin, Max. 2 GB, 333/400 MHz dual-channel DDR SDRAM DIMM	2 x 168-pin, Max. 512 MB, PC133/100 SDRAM
<b>Display Interface</b>	VGA Integrated in the Intel® 915GME 18/24-bit dual channel LVDS DVI (WSB-9152SDVI / 9152DVI by IO-KIT-001)	VGA Integrated in the Intel® 915GV DVI (WSB-9150DVI by IO-KIT-001)	VGA integrated in SiS® 661CX 24-bit dual channel LVDS TV out by SiS302LV	VGA Integrated in Intel® 865GV	VGA Integrated in the Intel® 815E
<b>Ethernet</b>	Dual Broadcom BCM5787M PCIe GbE controllers	Broadcom BCM5787M PCIe GbE controllers	Realtek RTL8110SC GbE chipset	Intel® 82562ET Fast Ethernet chipset (ROCKY-4786EV) 2nd Intel® 82547 GbE chipset (ROCKY-4786EVG)	Intel® 82562ET Ethernet chipset (ROCKY-3786EV ) 2nd Intel® 82541PI GbE chipset (ROCKY-3786EVGU2 )
<b>I/O Interface</b>	2 x RS-232 7 x USB 2.0 1 x LPT 1 x Infrared Interface 1 x PS/2 for KB & MS 1 x 5-pin header for keyboard	2 x RS-232 8 x USB 2.0 1 x LPT 1 x Infrared Interface 1 x PS/2 for KB & MS 1 x 5-pin header for keyboard	2 x RS-232 1 x LPT 1 x Infrared Interface 8 x USB 2.0 1 x PS/2 for KB & MS 1 x 5-pin header for keyboard	2 x RS-232 8 x USB 2.0 1 x LPT 1 x Infrared 1 x PS/2 for KB & MS 1 x 5-pin header for keyboard	2 x RS-232 2 x USB 1.1 4 x USB 2.0 (ROCKY-3786EVGU2) 1 x LPT 1 x Infrared Interface 1 x PS/2 for KB & MS 1 x 5-pin header for keyboard
<b>Drive Interface</b>	2 x SATA 2 x SATA II (WSB-9152S/9152SDVIonly) 1 x IDE (2 x IDE for WSB-9152S/9152S-DVI) 1 x FDD	4 x SATA 1 x IDE 1 x FDD	2 x SATA 2 x IDE 1 x FDD	2 x SATA 2 x IDE 1 x FDD 1 x CF Type II	2 x SATA RAID 2 x IDE 1 x FDD 1 x CF Type II
<b>Audio</b>	5.1 channel audio kit with Realtek ALC655 AC'97 codec 10-pin on-board header supports 7.1channel HD Audio by IEI AC-KIT-883HD	5.1 channel audio kit with Realtek ALC655 AC'97 codec 10-pin on-board header supports 7.1channel HD Audio by IEI AC-KIT-883HD	Realtek ALC655 AC'97 codec	Realtek ALC655 AC'97 codec	Realtek ALC655 AC'97 codec
<b>Digital I/O</b>	8-bit digital I/O (4-bit input/4-bit output)	N/A	N/A	N/A	N/A
<b>Power consumption</b>	12V@2.08A, 5V@3.6A, -12V@0.1A, 5Vsb@0.93A (Intel® Pentium® M 2.0 GHz CPU, 512 MB DDR2 400 MHz SDRAM)	5V@5.67A, 12V@5.89A (Intel® Pentium® 4 3.2GHz CPU, 2 GB DDR2 400 MHz SDRAM)	5V@6.59A, 12V@0.12A (Intel® Pentium® M 2.13GHz CPU, 2 GB 400 MHz DDR SDRAM)	12V@7.52A, -12V@500mA, 5V@6.98A (Intel® Pentium® 4 3.0 GHz CPU, 512 MB 400 MHz DDR SDRAM)	5V@7.6A, 12V@0.230 (Intel® Pentium® III 1GHz CPU)
<b>Watchdog Timer</b>	Software programmable and supports 1~255 sec. system reset	Software programmable and supports 1~255 sec. system reset	Software programmable and supports 1~255 sec. system reset	Software programmable and supports 1~255 sec. system reset	Software programmable and supports 1~255 sec. system reset
<b>Operating Environment</b>	Temperature Range 0°C~60°C (32°F ~ 140°F) Relative Humidity: 5%~95% non-condensing	Temperature Range 0°C~60°C (32°F ~ 140°F) Relative Humidity: 5%~95% non-condensing	Temperature Range 0°C~60°C (32°F ~ 140°F) Relative Humidity: 5%~95% non-condensing	Temperature Range 0°C~60°C (32°F ~ 140°F) Relative Humidity: 5%~95% non-condensing	Temperature Range 0°C~60°C (32°F ~ 140°F) Relative Humidity: 5%~95% non-condensing
<b>Expansion Slot</b>	One PCIe Mini card slot	N/A	N/A	N/A	N/A
<b>CPU cooler</b>	CF-479B-RS	CF-478A-RS / CF-478B-RS / CF-512-RS / CF-519-RS	CF-479B-RS	CF-478A-RS / CF-478B-RS / CF-512-RS / CF-519-RS	CF-370A-RS / CF-504-RS / CF-507-RS / CF-52-RS / CF-53-RS

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