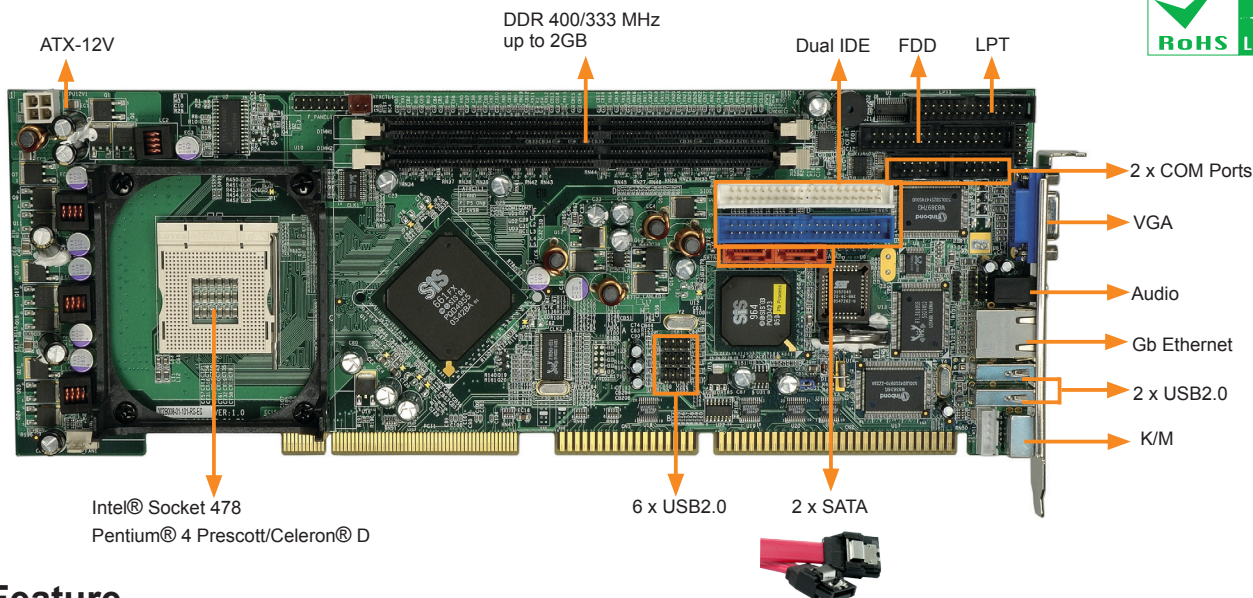


ROCKY-6610

First SIS industrial 661CX of Pentium® 4
Platforms Long Term Support in the market

PICMG 1.0 Socket 478 Intel® Pentium® 4/ Celeron® D CPU Card with VGA, Dual GbE and SATA RAID function support



Feature

1. PICMG 1.0 and RoHS compliance
2. Long term support
3. Intel® Socket 478 P4 Prescott/Celeron® D CPU support up to FSB 800MHz
4. 2 x SATA, 8 x USB2.0 and Audio integrated

Specification

DDR 400/333

FSB 800

ISA BUS™



◆ CPU

Intel® Pentium® 4 Socket 478 P4 Prescott/Celeron®-D CPU support 800/533 MHz FSB up to 3.4Ghz with Hyper-Threading Technology.

◆ System Chipset

SiS 661CX + SiS 964

◆ BIOS

AMI Flash BIOS
SMIBIOS (DMI) compliant
Console redirection function support
PXE (Pre-Boot Execution Environment) support
USB booting support

◆ System Memory

2 x DDR 184-pin sockets of 400/333MHz DDR SDRAM up to 2GHz

◆ Ethernet

Realtek RTL8110S 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
8 x USB 2.0(6 by 2 x 4 pin header)
2 x SATA-150 connectors
1 x ATA-100 Channel
1 x FDD by 2 x 17 Pin header

1 x PS2 Keyboard / Mouse

2 x 5 Pin header for 4 input / 4 output GPIO

◆ Super I/O

Winbond W83697HG

◆ Display

Graphic controller
CRT integrated in SiS 661CX

◆ Audio

AC '97 codec

◆ Watchdog Timer

Software programmable supports 1~255 sec. system reset

◆ Power Supply

4 pin ATX 12V, AT/ATX support

◆ Power Consumption

+5V @ 3.10A, +12V @ 5.45 A (P4-3.2G/512K/800(HT)CPU with 2GB DDR 400RAM)

◆ Temperature

operation: 0 ~ 60° C (32 ~ 140° F)

◆ Humidity

operation: 5% ~ 95% non-condensing

◆ Dimension

380(W)mm X 133(L)mm

◆ Weight

GW: 1.1Kg

Intel® Pentium® 4 solutions

Socket 478 Models

LGA 775 Models



Intel® CPU Socket-478 for Intel® P4 / Prescott / Celeron® / Celeron®-D Support 533/800MHz FSB up to 3.4GHz with Hyper-Threading Technology

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

| Model Name | ROCKY-4786E | ROCKY-6610 | WSB-9150 | ROCKY-6614 | WSB-9154 |
|---------------|----------------|----------------|----------------|------------|----------------|
| Form Factor | PICMG 1.0 | PICMG 1.0 | PICMG 1.0 | PICMG 1.0 | PICMG 1.0 |
| Chipset | i865GV | SiS 661CX | i915GV | SiS 661CX | i915GV |
| CPU Socket | S-478 | S-478 | S-478 | LGA 775 | LGA 775 |
| CPU FSB | 800 | 800 | 800 | 800 | 800 |
| CPU Frequency | 3.4 | 3.4 | 3.4 | 3.8 | 3.8 |
| Memory Socket | DDR * 2 | DDR * 2 | DDR * 2 | DDR * 2 | DDRII * 2 |
| Memory | DDR 400 | DDR 400 | DDR 400 | DDR 400 | DDRII 400 |
| IDE (drive) | 4 | 4 | 1 | 4 | 1 |
| SATA (drive) | 2 | 2 | 4 | 2 | 4 |
| LAN | 10/100 + GbE | GbE | PCI-E GbE | GbE | Dual PCI-E GbE |
| SSD | CF | NA | NA | NA | NA |
| Audio | Yes | Yes | Optional | Yes | Optional |
| Cooler | CF-514/ CF-519 | CF-514/ CF-519 | CF-514/ CF-519 | CF-520 | CF-520 |

RoHS Compliance

IEI is committed to compliance with all applicable laws and regulations, including the European Union Restriction of Hazardous Substances (RoHS) in electrical and electronic products. The goal is to exceed compliance obligations by meeting the requirements of the RoHS Directive on a worldwide basis. With IEI's new lead free production, all customers can start to work for their long term projects without worry about the RoHS regulation.

Packing List

| | |
|--|--|
| 1 x ROCKY-6610 single board computer | 1 x ATX-12V cable (P/N: 32100-087100-RS) |
| 1 x Mini jumper pack | 1 x RS-232 cable(2 COM Ports) : (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 |
| 1 x SATA power cable (P/N: 32100-088600-RS) | 1 x QIG |
| 1 x Keyboard/ PS2 mouse Y cable (P/N: 32000-000138-RS) | |

Ordering Information

| Part No. | Description |
|-----------------|---|
| ROCKY-6610-R10 | PICMG 1.0 Socket 478 Intel® Pentium® 4/ Celeron®-D CPU Card with VGA, Dual GbE and SATA |
| CF-519-RS | Socket 478 type CPU Cooler |
| 32200-000017-RS | FDD cable |
| 19800-000049-RS | LPT cable |



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