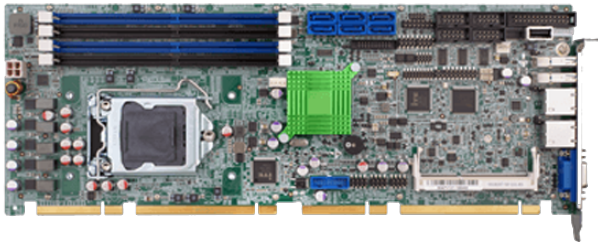


# SPCIE-C236

Full-size PICMG 1.3 CPU Card supports LGA 1151 Intel® Xeon® E3, Core™ i3/Pentium®/Celeron® CPU per Intel® C236



## Features

- » PICMG 1.3 full-size CPU Card
- » LGA 1151 Intel® Xeon® E3 v5/v6, 6th/7th generation Core™ i3, Pentium® or Celeron® processor supported
- » Four 288-pin 1867/2133MHz DDR4 ECC & non-ECC unbuffered DIMM
- » Supports dual independent display by VGA & internal DP pin header
- » Supports mini-PCIe device & mSATA via mini-PCIe socket
- » Intel® PCIe GbE with Intel® AMT 11.0 supported
- » Supports RAID 0, 1, 5, 10 function via SATA 6Gb/s
- » TPM 1.2 & 2.0 hardware security function supported by TPM module

## Specifications

| System                   |   |
|--------------------------|---|
| CPU                      | LGA 1151 socket supports Intel® Xeon® E3 v5/v6, 6th/7th generation Core™ i3, Pentium® or Celeron® processor                                     |
| Chipset                  | Intel® C236   |
| Memory                   | Four 288-pin 1866/2133 MHz dual-channel ECC & non-ECC unbuffered DDR4 DIMMs   |
| Memory Max.              | 64GB  |
| Physical Characteristics |   |
| Dimensions (LxWxH) (mm)  | 338 X 126   |
| Net Weight               | 420g  |
| Storage                  |   |
| Storage                  | 6 x SATA :6Gb/s (RAID 0/1/5/10 supported)   |
|                          | 1 x mSATA :SATA & USB signal  |
| I/O Interface            |   |
| Display Output           | 1 x VGA :up to 1920x1200@60Hz   |
|                          | 1 x iDP :for HDMI™, LVDS, VGA, DVI and DisplayPort (up to 3840x2160@60Hz)   |
| Ethernet                 | 2 x LAN :1 x Intel® I219LM Clarkville-V with Intel® AMT 11.0 supported  |
|                          | 1 x Intel® I210 PCIe controller   |
| Audio                    | Description: Support 7.1 channel HD Audio by IEI AC-KIT-892HD kit   |
| I/O Interface            | 2 x Internal RS-232 :2x5 pin, p=2.54  |
|                          | 2 x Internal RS-232/422/485 :2x5 pin, p=2.54  |
|                          | 7 x Internal USB 2.0 :1 x 180° Type-A, 6 X 2x4 pin, P=2.54  |
|                          | 1 x PS/2 :1x6 pin   |
|                          | 1 x LPT :2x13 pin   |
| Expansion                | 1 x PCIe x16 :16-lane PCIe link from CPU via golden finger(configured via BIOS)   |
|                          | 2 x PCIe x8 :16-lane PCIe link from CPU via golden finger(configured via BIOS)  |
|                          | 2 x PCIe x4 :16-lane PCIe link from CPU via golden finger(configured via BIOS),4-lane PCIe link from PCH via golden finger(configured via BIOS) |
|                          | 4 x PCIe x1 :4-lane PCIe link from PCH via golden finger(configured via BIOS)   |
|                          | 1 x PCIe mini Card Slot :supports mSATA   |

|                       |  |
|-----------------------|--|
| Other Features        |  |
| TPM                   | 2x10 pin   |
| Power                 |  |
| Power Consumption     | 5V@3.22A, 12V@6.81A, 3.3V@1.21A, 5VSB@0.18A (Intel® Xeon® E3-1275 v5 3.60 GHz CPU with 64GB (16GBx4) 2133 MHz DDR4 memory) |
| Power Supply          | 5V/12V, Support AT/ATX mode  |
| Environment           |  |
| Operating Temperature | -20°C ~ 60°C   |
| Humidity              | 5% ~ 95%, non-condensing   |

## Ordering Information

|                |   |
|----------------|---|
| SPCIE-C236-R10 | Full-size PICMG 1.3 CPU Card supports LGA1151 Intel® E3-1200/Core™ i3/Pentium®/Celeron® CPU per Intel® C236, DDR4, VGA/IDP, Dual Intel® PCIe GbE, USB3.0, SATA 6Gb/s, PCIe mini, mSATA, HD Audio, iAMT and RoHS |
|----------------|---|

## Packing List

|                                      |                      |
|--------------------------------------|----------------------|
| 1 x SPCIE-C236 single board computer | 1 x Mini jumper pack |
| 1 x SATA cable                       | 1 x QIG              |