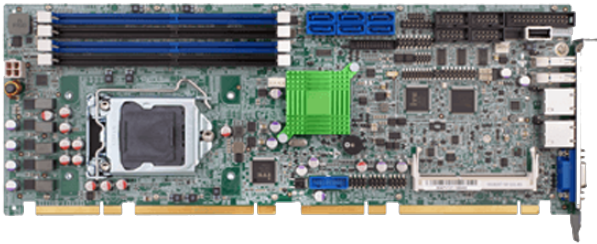


# SPCIE-C236

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
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## Packing List

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