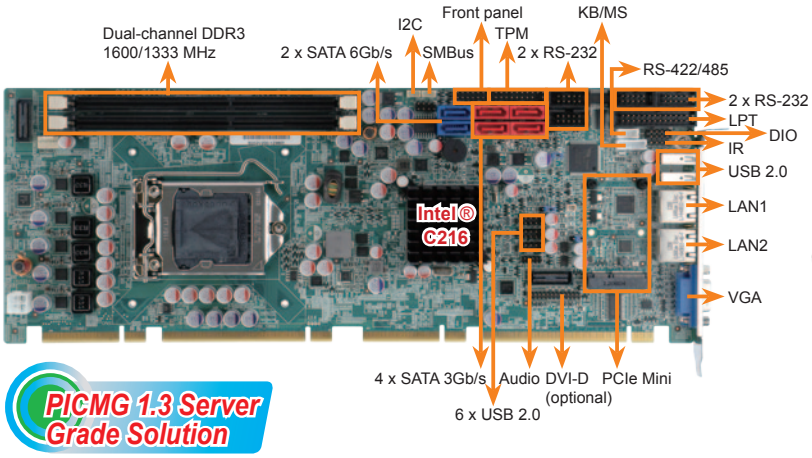
SPCIE-C2160

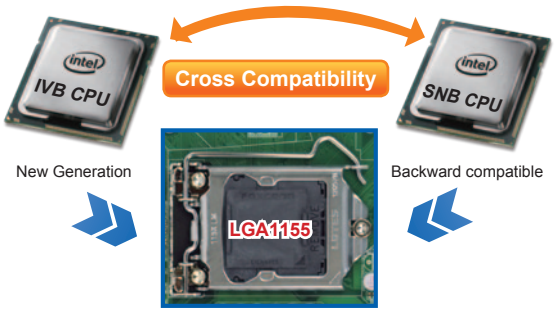
Full-size PICMG 1.3 CPU Card supports LGA1155 Intel® Xeon® E3/Core™ i3/ Pentium®/Celeron® CPU with Intel® C216, DDR3, VGA/DVI-D, Dual GbE, SATA, PCIe Mini, HD Audio and RoHS



PICMG 1.3 Server Grade Solution

LGA1155 CPU cross compatibility

This LGA1155 socket is compatible with the 3rd (IVB) and 2nd (SNB) generation CPU. It can get one year expanded product lifespan and the new technologies when you use backward 2nd generation CPU on Intel® 7 series platform.



One Key Recovery | RAID | DDR3 1600 | SATA 6Gb/s | PCIe GbE

TPM 1.2 Support

IO-KIT-001
DVI cable included in the DVI model

Specifications

- CPU
  LGA1155 socket supports LGA1155 Intel® Xeon® E3/Core™ i3/Pentium®/Celeron® processor
- System Chipset
  Intel® C216
- Memory
  Two 240-pin 1600/1333MHz dual-channel ECC and non-ECC unbuffered DDR3 SDRAM DIMMs supported (system max.16GB)
- BIOS
  UEFI BIOS
- Graphics Engine
  Intel® HD Graphics Gen 7 supports DX11 and OpenCL 1.1
  Full MPEG-2, VC1, AVC decoding
- Display Output
  1 x VGA
  1 x DVI-D (via header to IO-KIT-001-R20 DVI-D/USB module) (optional)
- Ethernet
  LAN1: Intel® 82574L PCIe controller
  LAN2: Intel® 82579 PHY with Intel® AMT 8.0 support
- Super I/O
  Fintek F81866
- I/O Interface
  4 x RS-232 1 x RS-422/485
  1 x LPT 1 x 6-pin wafer for KB/MS
  8 x USB 2.0 (2 by rear IO, 6 by on-board pin header)
  4 x SATA 3Gb/s (RAID 0/1/5/10 supported)
  2 x SATA 6Gb/s (RAID 0/1/5/10 supported)
- Front Panel
  1 x Front panel connector (power LED, HDD LED, speaker, power button, reset button)
- Audio
  Supports by IEI AC-KIT-892HD-R10 audio kit
- TPM
  1 x TPM connector (2x10 pin)
- SMBus
  1 x 4-pin wafer
- I2C
  1 x 4-pin wafer
- Infrared Interface
  1 x 5-pin header
- Expansions
  PCIe signal and PCI signal via golden finger
  1 x PCIe Mini slot (with USB 1.1/2.0 signal)
- Watchdog Timer
  Software programmable supports 1~255 sec. system reset
- Digital I/O
  8-bit digital I/O (4-bit input, 4-bit output)
- Fan Connector
  1 x 4-pin smart fan connector
- Power Supply
  AT/ATX power supply supported
- Power Consumption
  5V@3.98A, 12V@0.38A, Vcore_12V@7.81A, 3.3V@1.61A, 5VSB@0.15A
  (3.4GHz Intel® Xeon® 2.2GHz with two 2GB 1333MHz DDR3 memory)
- Operating Temperature
  -10°C ~ 60°C
- Storage Temperature
  -20°C ~ 70°C
- Operating Humidity
  5% ~95%, non-condensing
- Dimensions
  338 mm x 126 mm
- Weight
  GW: 1200g/NW: 420g

Features

1. Full-size PICMG 1.3 server grade solution
2. LGA1155 Intel® Xeon® E3/Core™ i3/Pentium®/Celeron® processors supported
3. Up to 16 GB 1600 MHz dual-channel DDR3 SDRAM
4. Supports dual independent display by VGA and DVI-D (DVI model)
5. Supports PCIe Mini expansion
6. Intel® PCIe GbE with Intel® AMT 8.0 support
7. Supports RAID function via SATA 6Gb/s and SATA 3Gb/s
8. High-speed I/O interface provided through the 3rd gen PCIe add-on card and SATA 6Gb/s connectors
9. TPM V1.2 hardware security provided by the TPM module
10. IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Packing List

1 x SPCIE-C2160 single board computer	
1 x Dual RS-232 cable (P/N: 19800-000051-RS)	
4 x SATA cable (P/N: 32000-062800-RS)	1 x Mini jumper pack
1 x USB cable (P/N: 19800-003100-300-RS)	1 x Utility CD
1 x One Key Recovery CD	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
SPCIE-C2160-R10	Full-size PICMG 1.3 CPU card supports 32nm LGA1155 Intel® Xeon® E3 and Intel® Core™ i3/Pentium®/Celeron® CPU with Intel® C216, DDR3, VGA, dual Intel® PCIe GbE, SATA 6Gb/s, PCIe Mini, HD Audio and RoHS
SPCIE-C2160-DVI-R10	Full-size PICMG 1.3 CPU card supports 32nm LGA1155 Intel® Xeon® E3 and Intel® Core™ i3/Pentium®/Celeron® CPU with Intel® C216, DDR3, DVI-D, dual Intel® PCIe GbE, SATA 6Gb/s, PCIe Mini, HD Audio and RoHS
32205-003800-300-RS	RS-422/485 cable, 200mm
19800-000075-RS	KB/MS cable with bracket
SAIDE-KIT01-R10	SATA to IDE/CF converter board
32102-000100-200-RS	SATA power cable
19800-000049-RS	LPT cable
AC-KIT-892HD-R10	7.1 channel HD audio kit with Realtek ALC892 supports dual audio streams
CF-1156A-RS-R11	High-performance LGA1155/LGA1156 cooler kit, 1U chassis compatible, 73W
CF-1156C-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 45W
CF-1156D-RS	LGA1155/LGA1156 cooler kit, 1U chassis compatible, 65W
CF-1156E-R11	High-performance LGA1155/LGA1156 cooler kit, 95W