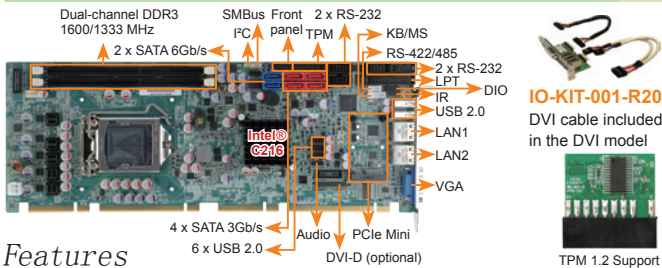


SPCIE-C2160

Full-size PICMG 1.3 CPU Card supports LGA 1155 Intel® Xeon® E3/Core™ i3/Pentium®/Celeron® CPU with Intel® C216, DDR3, VGA, DVI-D, Dual GbE, SATA, PCIe Mini, HD Audio and RoHS



Features

- Full-size PICMG 1.3 server grade solution
- LGA 1155 Intel® Xeon® E3/Core™ i3/Pentium®/Celeron® processors supported
- Up to 16 GB 1600 MHz dual-channel DDR3 SDRAM
- Supports dual independent display by VGA and DVI-D (DVI model)
- Supports PCIe Mini expansion
- Intel® PCIe GbE with Intel® AMT 8.0 support
- Supports RAID function via SATA 6Gb/s and SATA 3Gb/s
- High-speed I/O interface provided through the 3rd gen PCIe add-on card and SATA 6Gb/s connectors
- TPM V1.2 hardware security provided by the TPM module
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
LGA 1155 socket supports LGA 1155 Intel® Xeon® E3/Core™ i3/Pentium®/Celeron® processor
- ◆ Chipset: Intel® C216
- ◆ Memory
Two 240-pin 1600/1333 MHz dual-channel DDR3 SDRAM ECC and non-ECC unbuffered DIMMs support up to 16 GB
- ◆ 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 (up to 2048x1536@75Hz)
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
- ◆ External I/O Interface: 2 x USB 2.0
- ◆ Internal I/O Interface
1 x LPT (2x13 pin) 1 x KB/MS (1x6 pin)
1 x mSATA 1 x RS-422/485 (1x4 pin, P=2.0)
2 x SATA 6Gb/s (RAID 0/1/5/10 supported)
4 x RS-232 (2x5pin, P=2.54)
4 x SATA 3Gb/s (RAID 0/1/5/10 supported)
6 x USB 2.0 (2x4 pin, P=2.0)
- ◆ TPM: 1 x TPM (2x10 pin)
- ◆ SMBus: 1 x SMBus (1x4 pin)
- ◆ I²C: 1 x I²C (1x4 pin)
- ◆ Infrared Interface
1 x Infrared Interface (1x5 pin)
- ◆ Front Panel
1 x Front panel connector (2x7 pin, power LED, HDD LED, speaker, power button, reset button)
- ◆ Audio: Supports by IEI AC-KIT-892HD-R10 audio kit
- ◆ Expansion
PCIe signal and PCI signal via golden finger
1 x PCIe Mini slot
- ◆ Watchdog Timer
Software programmable supports 1~255 sec. system reset
- ◆ Digital I/O: 8-bit digital I/O (2x5 pin)
- ◆ Fan Connector
1 x Smart fan (1x4 pin)
- ◆ Power Supply
5V/12V, AT/ATX support
- ◆ 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 2 GB 1333 MHz 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

Packing List

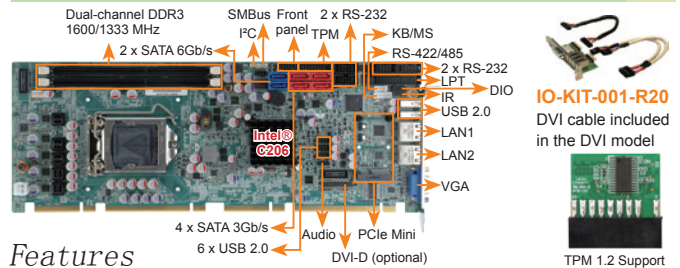
1 x SPCIE-C2160 single board computer	1 x One Key Recovery CD
1 x Dual RS-232 cable	1 x Mini jumper pack
1 x USB cable	1 x QIG
4 x SATA cable	1 x Utility CD

Ordering Information

Part No.	Description
SPCIE-C2160-R10	Full-size PICMG 1.3 CPU card supports 32nm LGA 1155 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 LGA 1155 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
19800-000049-RS	LPT flat cable, 240mm, P=2.54
19800-000075-RS	PS/2 KB/MS cable with bracket, 220mm, P=2.0
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
32205-003800-300-RS	RS-422/485 cable, 200mm, P=2.0
AC-KIT-892HD-R10	7.1-channel HD Audio kit with Realtek ALC892 supports dual audio streams
CF-1156A-RS-R11	High-performance LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 73W
CF-1156C-RS	LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 45W
CF-1156D-RS	LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 65W
CF-1156E-R11	High-performance LGA 1155/LGA 1156 cooler kit, 95W
SAIDE-KIT01-R10	SATA to IDE/CF converter board

SPCIE-C2060-R21

Full-size PICMG 1.3 CPU Card supports LGA 1155 Intel® Xeon® E3/Core™ i3/Pentium®/Celeron® CPU with Intel® C206, DDR3, VGA, DVI-D, Dual GbE, SATA, PCIe Mini, HD Audio and RoHS



Features

- Full-size PICMG 1.3 server grade solution
- LGA 1155 Intel® Xeon® E3/Core™ i3/Pentium®/Celeron® processors supported
- Up to 16 GB 1333 MHz dual-channel DDR3 SDRAM
- Supports dual independent display by VGA and DVI-D (DVI model)
- Supports PCIe Mini expansion
- Intel® PCIe GbE with Intel® AMT 7.0 support
- Supports RAID function via SATA 6Gb/s and SATA 3Gb/s
- High-speed I/O interface provided through the 2nd gen PCIe add-on card and SATA 6Gb/s connectors
- TPM V1.2 hardware security provided by the TPM module
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery

Specifications

- ◆ CPU
LGA 1155 socket supports LGA 1155 Intel® Xeon® E3/Core™ i3/Pentium®/Celeron® processor
- ◆ Chipset: Intel® C206
- ◆ Memory
Two 240-pin 1333/1066 MHz dual-channel DDR3 SDRAM ECC and non-ECC unbuffered DIMMs support up to 16 GB
- ◆ BIOS: UEFI BIOS
- ◆ Graphics Engine
Intel® HD Graphics Gen 6 supports DX10.1 and OpenCL 3.0
Full MPEG2, VC1, AVC decoding
- ◆ Display Output
1 x VGA (up to 2048x1536@75Hz)
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 7.0 support
- ◆ External I/O Interface: 2 x USB 2.0
- ◆ Internal I/O Interface
1 x LPT (2x13 pin) 1 x KB/MS (1x6 pin)
1 x mSATA 1 x RS-422/485 (1x4 pin, P=2.0)
2 x SATA 6Gb/s (RAID 0/1/5/10 supported)
4 x RS-232 (2x5pin, P=2.54)
4 x SATA 3Gb/s (RAID 0/1/5/10 supported)
6 x USB 2.0 (2x4 pin, P=2.0)
- ◆ TPM: 1 x TPM (2x10 pin)
- ◆ SMBus: 1 x SMBus (1x4 pin)
- ◆ I²C: 1 x I²C (1x4 pin)
- ◆ Infrared Interface
1 x Infrared Interface (1x5 pin)
- ◆ Front Panel
1 x Front panel connector (2x7 pin, power LED, HDD LED, speaker, power button, reset button)
- ◆ Audio: Supports by IEI AC-KIT-892HD-R10 audio kit
- ◆ Expansion
PCIe signal and PCI signal via golden finger
1 x PCIe Mini slot
- ◆ Watchdog Timer
Software programmable supports 1~255 sec. system reset
- ◆ Digital I/O: 8-bit digital I/O (2x5 pin)
- ◆ Fan Connector
1 x Smart fan (1x4 pin)
- ◆ Power Supply
5V/12V, AT/ATX support
- ◆ Power Consumption
5V@3.98A, 12V@0.38A, Vcore_12V@7.81A, 3.3V@1.61A, 5VSB@0.15A (3.4GHz Intel® Core™ i7-2600K with two 2 GB 1333 MHz 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

Packing List

1 x SPCIE-C2060 single board computer	1 x One Key Recovery CD
1 x Dual RS-232 cable	1 x Mini jumper pack
1 x USB cable	1 x QIG
4 x SATA cable	1 x Utility CD

Ordering Information

Part No.	Description
SPCIE-C2060-R21	Full-size PICMG 1.3 CPU card supports 32nm LGA 1155 Intel® Xeon® E3 and Intel® Core™ i3/Pentium®/Celeron® CPU with Intel® C206, DDR3, VGA, dual Intel® PCIe GbE, SATA 6Gb/s, PCIe Mini, HD Audio and RoHS
SPCIE-C2060-DVI-R21	Full-size PICMG 1.3 CPU card supports 32nm LGA 1155 Intel® Xeon® E3 and Intel® Core™ i3/Pentium®/Celeron® CPU with Intel® C206, DDR3, DVI-D, dual Intel® PCIe GbE, SATA 6Gb/s, PCIe Mini, HD Audio and RoHS
19800-000049-RS	LPT flat cable, 240mm, P=2.54
19800-000075-RS	PS/2 KB/MS cable with bracket, 220mm, P=2.0
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
32205-003800-300-RS	RS-422/485 cable, 200mm, P=2.0
AC-KIT-892HD-R10	7.1-channel HD Audio kit with Realtek ALC892 supports dual audio streams
CF-1156A-RS-R11	High-performance LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 73W
CF-1156C-RS	LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 45W
CF-1156D-RS	LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 65W
CF-1156E-R11	High-performance LGA 1155/LGA 1156 cooler kit, 95W
SAIDE-KIT01-R10	SATA to IDE/CF converter board