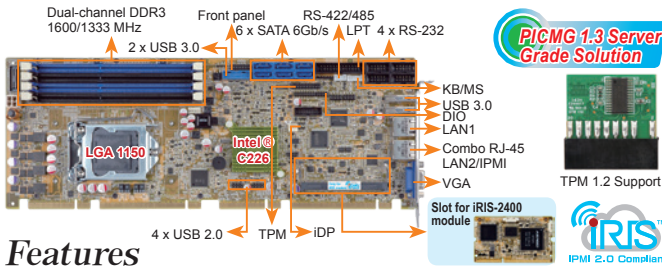


SPCIE-C2260-i2

Full-size PICMG 1.3 CPU Card supports LGA 1150 Intel® Xeon® E3, Core™ i3, Pentium® and Celeron® with Intel® C226, DDR3, VGA, iDP, Dual Intel® PCIe GbE, SATA 6Gb/s, mSATA, PCIe Mini, RS-232, HD Audio, iRIS-2400 and RoHS



Features

- PICMG 1.3 full-size server grade solution
- LGA 1150 Intel® Xeon® E3, Core™ i3, Pentium® or Celeron® processor supported
- Four 240-pin 1600/1333 MHz dual-channel DDR3 DIMMs support up to 32 GB
- Supports dual independent display by VGA and iDP interfaces
- Supports PCIe Mini devices and mSATA via PCIe Mini socket
- Supports RAID function via SATA 6Gb/s
- Stiffener bars
- IEI jumper-less function
- Supports IPMI 2.0 via iRIS-2400 module

Specifications

- ◆ CPU: LGA 1150 Intel® Xeon® E3, Core™ i3, Pentium® or Celeron® processor supported
- ◆ Chipset: Intel® C226
- ◆ Memory: Four 240-pin 1600/1333 MHz dual-channel DDR3 & DDR3L SDRAM ECC and non-ECC unbuffered DIMMs support up to 32 GB
- ◆ BIOS: UEFI BIOS
- ◆ Graphics Engine: Intel® HD Graphics Gen 7.5 supports DX11.1 and OpenCL 1.2, OpenGL 3.2 Full MPEG2, VC1, AVC Decode
- ◆ Display Output
 - 1 x VGA (up to 1920x1200@60 Hz)
 - 1 x iDP interface for HDMI, LVDS, VGA, DVI, DP (up to 3840x2160@60 Hz)
- ◆ Ethernet
 - LAN1: Intel® I217LM with Intel® AMT 9.0 support
 - LAN2: Intel® I210-AT PCIe controller with NCSI support
- ◆ Audio: Supports 7.1-channel HD Audio by IEI AC-KIT-892HD-R10 kit
- ◆ External I/O Interface: 2 x USB 3.0
- ◆ Internal I/O Interface
 - 1 x KB/MS (1x6 pin) 1 x LPT (2x13 pin)
 - 1 x mSATA 2 x USB 3.0 (2x10 pin)
 - 1 x RS-422/485 (1x4 pin, P=2.0)
 - 4 x USB 2.0 (Golden finger)
 - 4 x USB 2.0 (2x4 pin, P=2.54)
 - 4 x RS-232 (2x5pin, P=2.54)
 - 6 x SATA 6Gb/s (RAID 0/1/5/10 supported)
- ◆ LAN LED: 2 x LAN LED (1x2 pin)
- ◆ 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)
- ◆ Digital I/O: 8-bit digital I/O (2x5 pin)
- ◆ Front Panel: 1 x Front panel (2x7 pin, power LED, HDD LED, speaker, power button, reset button)
- ◆ iRIS Remote Management Module
 - 1 x iRIS-2400 slot
- ◆ Expansion: PCIe signal and PCI signal via golden finger
 - 1 x Full-size PCIe Mini card slot (colay mSATA)
- ◆ Watchdog Timer: Software programmable, supports 1~255 sec. system reset
- ◆ Fan Connector
 - 1 x CPU smart fan (1x4 pin)
 - 1 x System smart fan (1x3 pin)
- ◆ Power Supply: 5V/12V, AT/ATX support
- ◆ Power Consumption
 - 5V@3.55A, 12V@0.37A, Vcore_12V@7.61A, 3.3V@1.55A, 5VSB@0.13A (Intel® E3-1240 v3 3.4GHz CPU with 16 GB (four 4 GB) 1333 MHz DDR3 memory)
 - ◆ Operating Temperature: -20°C ~ 60°C
 - ◆ Storage Temperature: -30°C ~ 70°C
 - ◆ Operating Humidity: 5% ~ 95%, non-condensing
 - ◆ Dimensions: 338 mm x 126 mm
 - ◆ Weight: GW: 1200g / NW: 420g
 - ◆ CE/FCC compliant

Packing List

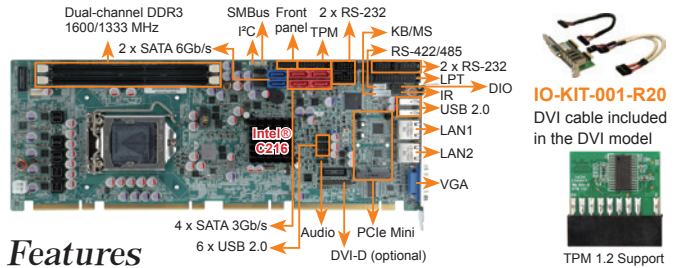
1 x SPCIE-C2260-i2 single board computer	
1 x Dual RS-232 cable	2 x SATA cable
1 x USB 2.0 cable	1 x QIG

Ordering Information

Part No.	Description
SPCIE-C2260-i2-R10	Full-size PICMG 1.3 CPU card supports LGA 1150 Intel® Xeon® E3, Core™ i3, Pentium® and Celeron® with Intel® C226, DDR3, VGA, iDP, Dual Intel® PCIe GbE, SATA 6Gb/s, mSATA, RS-232, PCIe Mini, HD Audio, iRIS-2400 and RoHS
iRIS-2400-R10	IPMI 2.0 adapter card with AST2400 BMC chip for DDR3 SO-DIMM socket interface
19800-000049-RS	LPT flat cable, 240mm, P=2.54
19800-000075-RS	PS/2 KB/MS cable with bracket, 220mm, P=2.0
19800-010500-200-RS	USB 3.0 cable with bracket, 450mm
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-1150SB-R11	Special cooler kit for LGA 1150, high-performance compatible, 65W
CF-1150SC-R20	Special cooler kit for LGA1150, 1U chassis compatible, 65W
CF-1150SE-R11	Special cooler kit for LGA1150, high-performance compatible, 95W
CF-1150SF-R10	Special cooler kit for LGA1150, 1U chassis compatible, 54W
DP-DP-R10	DisplayPort to DisplayPort converter board (for IEI iDP connector)
DP-DVI-R10	DisplayPort to DVI-D converter board (for IEI iDP connector)
DP-HDMI-R10	DisplayPort to HDMI converter board (for IEI iDP connector)
DP-LVDS-R10	DisplayPort to LVDS converter board (for IEI iDP connector)
DP-VGA-R10	DisplayPort to VGA converter board (for IEI iDP connector)
TPM-IN01-R20	20-pin Infineon TPM module, software management tool, firmware v3.17

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
 - ◆ CE/FCC compliant

Packing List

1 x SPCIE-C2160 single board computer	4 x SATA cable
1 x Dual RS-232 cable	1 x Mini jumper pack
1 x USB cable	1 x QIG

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-115XA-R10	High-performance LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 73W
CF-1156C-R20	LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 45W
CF-1156D-R20	LGA 1155/LGA 1156 cooler kit, 1U chassis compatible, 65W
CF-115XE-R10	High-performance LGA 1155/LGA 1156 cooler kit, 95W
SAIDE-KIT01-R10	SATA to IDE/CF converter board