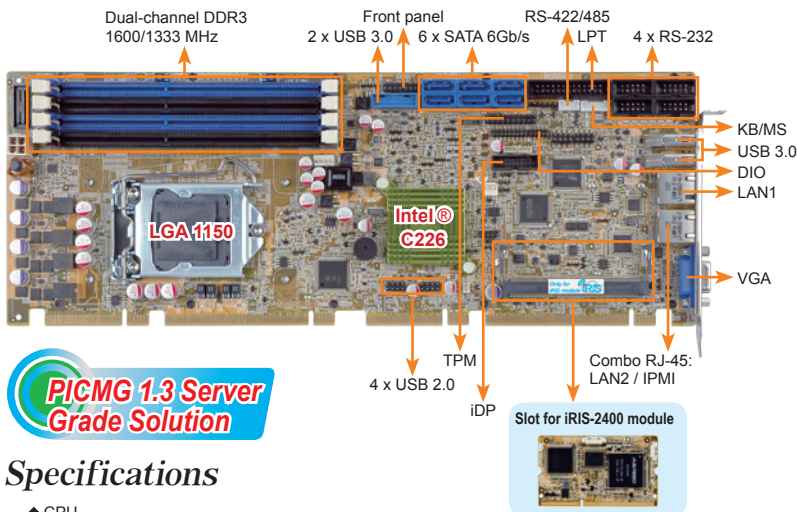


## SPCIE-C2260-i2

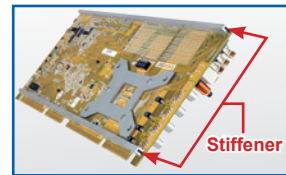
Full-size PICMG 1.3 CPU Card supports LGA 1150 Intel® Xeon® E3, Core™ i3, Pentium® and Celeron® with Intel® C226, DDR3, VGA, iDP, Dual Intel® PCIe GbE, SATA 6Gb/s, mSATA, PCIe Mini, RS-232, HD Audio, iRIS-2400 and RoHS



**PICMG 1.3 Server Grade Solution**

## Specifications

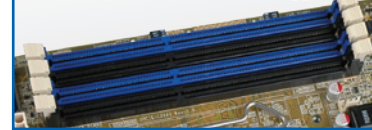
- ◆ CPU  
LGA 1150 Intel® Xeon® E3, Core™ i3, Pentium® or Celeron® processor supported
- ◆ System Chipset  
Intel® C226
- ◆ Memory  
Four 240-pin 1600/1333 MHz dual-channel DDR3 & DDR3L SDRAM ECC and non-ECC unbuffered DIMMs support up to 32 GB memory
- ◆ BIOS  
UEFI BIOS
- ◆ Graphics Engine  
Intel® HD Graphics Gen 7.5 supports DX11.1 and OpenCL 1.2, OpenGL 3.2 Full MPEG2, VC1, AVC Decode
- ◆ Display Output  
VGA (up to 1920x1200@60 Hz)  
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
- ◆ Super I/O  
Fintek F81866
- ◆ I/O Interface  
1 x 6-pin wafer for KB/MS 1 x LPT  
1 x RS-422/485 4 x RS-232  
1 x mSATA (colay SATA port 6) (supports SATA 6Gb/s signal only)  
4 x USB 3.0 (2 by rear IO, 2 by pin header)  
6 x SATA 6Gb/s (RAID 0, 1, 5, 10 supported)  
8 x USB 2.0 (4 by pin header, 4 by backplane pin header)
- ◆ Front Panel  
1 x Front panel (power LED, HDD LED, speaker, power button, reset button)
- ◆ LAN LED  
2 x 2-pin headers for LAN1 link LED, LAN2 link LED
- ◆ Audio  
Supported by IEI AC-KIT-892HD Audio kit
- ◆ TPM  
1 x TPM connector (2x10 pin)
- ◆ SMBus  
1 x 4-pin wafer
- ◆ I<sup>2</sup>C  
1 x 4-pin wafer
- ◆ Infrared Interface  
1 x 5-pin header
- ◆ iRIS Remote Management Module  
1 x iRIS-2400 slot
- ◆ Expansion  
PCIe signal and PCI signal via golden finger  
PCI signal by ITE IT 8892 (PCIe to PCI bridge)  
1 x Full-size PCIe Mini card slot (colay mSATA)
- ◆ Watchdog Timer  
Software programmable, supports 1~255 sec. system reset
- ◆ Digital I/O  
8-bit digital I/O
- ◆ Fan Connector  
1 x 3-pin fan connector (system fan)  
1 x 4-pin smart fan connector (CPU fan)
- ◆ 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 (4x4 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



## Enhance stability

Strengthen the mechanism  
Prevent PCB bending

## Four 240-pin DDR3 SDRAM Supported



The first IEI full-size server-grade CPU card that supports four 240-pin 1600/1333 MHz dual-channel DDR3 SDRAM ECC and non-ECC unbuffered DIMMs (system max. 32 GB).



## 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
- Intel® PCIe GbE with Intel® AMT 9.0 support
- Supports RAID function via SATA 6Gb/s
- TPM V1.2 hardware security function supported by TPM module
- Stiffener bars
- IEI jumper-less function
- Supports IPMI 2.0 via iRIS-2400 module

## Packing List

1 x SPCIE-C2260-i2 single board computer	
1 x Dual RS-232 cable (P/N: 19800-000051-RS)	
1 x USB 2.0 cable (P/N: 19800-003100-300-RS)	1 x QIG (Quick Installation Guide)
2 x SATA cable (P/N: 32000-062800-RS)	1 x Utility CD

## 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 cable
19800-000075-RS	KB/MS cable with bracket
19800-010500-200-RS	USB 3.0 cable with bracket, 457mm
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
32205-003800-300-RS	RS-422/485 cable, 200mm
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 LGA 115X, 1U chassis compatible, 65W, copper
CF-1150SE-R11	Special cooler kit for LGA 115X, high-performance compatible, 95W, copper
CF-1150SF-R10	Special cooler kit for LGA 115X Intel® CPU, 107x70x35, 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-R11	20-pin Infineon TPM module, software management tool, firmware v3.17