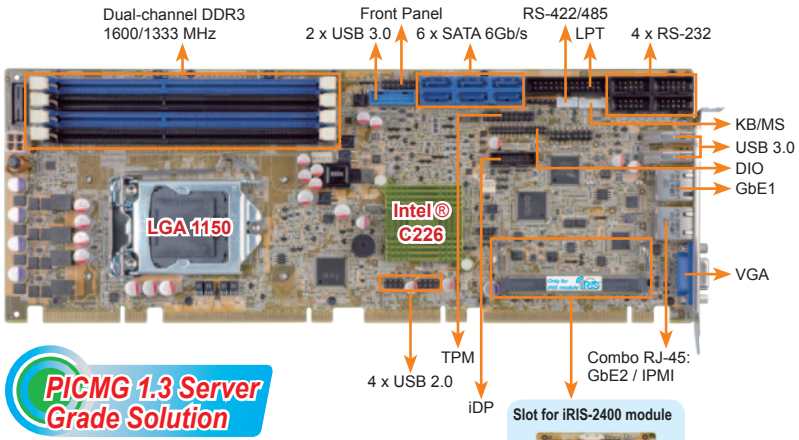
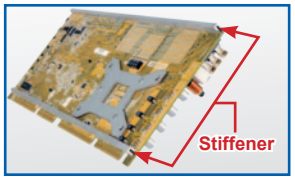
SPCIE-C2260-i2

Full-size PICMG 1.3 CPU Card supports LGA1150 Intel® Xeon® E3, Core™ i3, Pentium® and Celeron® per 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

Slot for iRIS-2400 module



New

Enhance stability

Strengthen the mechanism
Prevent PCB bending

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

IPMI 2.0 Compliant

One Key Recovery

TPM 1.2 Support

DDR3L 1600 | USB 3.0 | SATA 6Gb/s | Dual GbE | mSATA | iDP

Specifications

- CPU
  LGA1150 Intel® Xeon® E3, Core™ i3, Pentium® or Celeron® processor supported
- System Chipset
  Intel® C226
- Memory
  Four 240-pin 1600/1333MHz dual-channel DDR3 & DDR3L SDRAM ECC and non-ECC unbuffered DIMMs support up to 32GB 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
  GbE1: Intel® I217LM with Intel® AMT 9.0 support
  GbE2: Intel® I210-AT PCIe controller with NCSI 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
  1 x mSATA (colay SATA port 6) (support SATA 6GB/s signal only)
  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)
  4 x USB 3.0 (2 by rear IO, 2 by 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 20-pin (2x10) header
- SMBus
  1 x 4-pin wafer
- I2C
  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, support 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 (CPU fan)
  1 x 4-pin smart fan connector (system 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 16GB (4x4GB) 1333MHz DDR3 memory)
- Operating Temperature
  -20°C ~ 60°C
- Operating Humidity
  5% ~ 95%, non-condensing
- Dimensions
  338 mm x 126 mm
- Weight
  GW 1200g / NW: 420g

Features

1. PICMG 1.3 full-size server grade solution
2. LGA1150 Intel® Xeon® E3, Core™ i3, Pentium® or Celeron® processor supported
3. Four 240-pin 1600/1333MHz dual-channel DDR3 DIMMs support up to 32GB
4. Supports dual independent display by VGA and iDP interface
5. Supports PCIe Mini devices and mSATA via PCIe Mini socket
6. Intel® PCIe GbE with Intel® AMT 9.0 support
7. Supports RAID function via SATA 6Gb/s
8. TPM V1.2 hardware security function supported by TPM module
9. Stiffener bars
10. IEI jumper-less function
11. Support 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)	
2 x SATA cable (P/N: 32000-062800-RS)	1 x Utility CD
1 x USB 2.0 cable (P/N: 19800-003100-100-RS)	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
SPCIE-C2260-i2-R10	Full-size PICMG 1.3 CPU card supports LGA1150 Intel® Xeon® E3, Core™ i3, Pentium® and Celeron® per 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
32200-074800-RS	RS-422/485 cable, 200mm
19800-010500-100-RS	USB 3.0 cable 457mm with bracket
19800-000075-RS	KB/MS cable with bracket
32102-000100-200-RS	SATA power cable, MOLEX 5264-4P to SATA15P
32200-015100-RS	LPT cable
CF-1150SB-R10	Special cooler kit for LGA1150, high-performance compatible, 65W
CF-1150SC-R10	Special cooler kit for LGA1150, 1U chassis compatible, 65W
CF-1150SE-R10	Special cooler kit for LGA1150, high-performance compatible, 95W
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)
DP-DP-R10	DisplayPort to DisplayPort converter board (for IEI iDP connector)
AC-KIT-892HD-R10	7.1 channel HD Audio kit with Realtek ALC892 support dual audio streams
TPM-IN01-R11	20-pin Infineon TPM module, software management tool, firmware V3.17