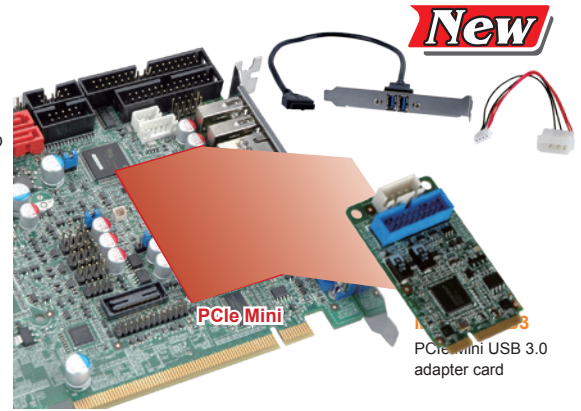
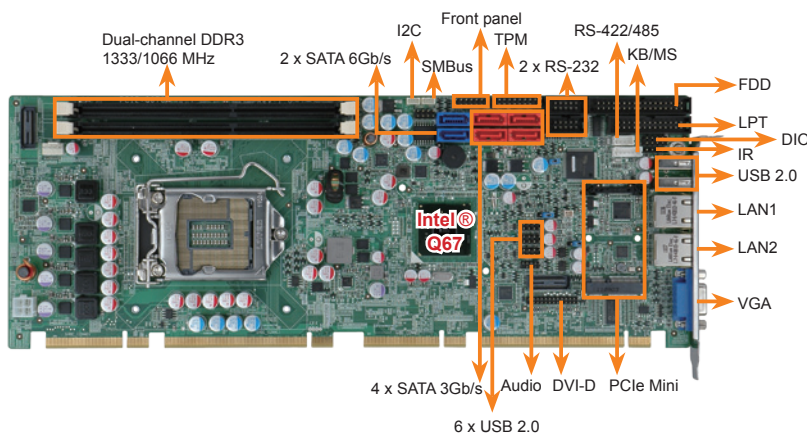


SB2011

Full-size PICMG 1.3 CPU card Supports LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® Q67, DDR3, VGA/DVI-D, Dual Intel® PCIe GbE, SATA 6Gb/s, PCIe Mini, HD Audio and RoHS



The PCIe Mini interface provides PCIe x1 and USB 1.1/2.0 signal for full-size or half-size devices such as PCIe Mini USB 3.0 adapter card (MPCIE-USB3) or wireless LAN cards.



TPM 1.2 Support



DVI cable included in DVI model

Specifications

- ◆ CPU
LGA1155 socket supports Intel® Core™ i7/i5/i3/Pentium®/Celeron® processor
- ◆ PCH
Intel® Q67
- ◆ Memory
Two 240-pin 1066/1333MHz dual-channel unbuffered DDR3 SDRAM DIMMs supported (system max. 16GB)
- ◆ BIOS
UEFI BIOS
- ◆ Graphics Engine
Intel® HD Graphics Gen 6 supports for DX10.1 and OpenGL 3.0
Full MPEG2, VC1, AVC Decode
- ◆ Display Output
1 x VGA
1 x DVI-D (via header to DVI-D/USB module)
- ◆ Ethernet
LAN1: Intel® 82583V PCIe controller
LAN2: Intel® 82579 PHY with Intel® AMT 7.0 support
- ◆ Super I/O
Fintek F81866
- ◆ I/O Interface
2 x RS-232
1 x RS-422/485
1 x LPT
1 x FDD
8 x USB 2.0 (2 by rear IO, 6 by on-board pin header)
1 x 6-pin wafer for KB/MS
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
Supported by audio kit
- ◆ TPM
1 x 20-pin header
- ◆ SMBus
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@3.45A, 12V@0.32A, Vcore_12V@5.24A, 3.3V@1.69A, 5VSB@0.17A (3.4GHz Intel® Core™ i7-2600K with two 2GB 1333MHz DDR3 memory)
- ◆ Operating Temperature
-10°C ~ 60°C
- ◆ Operating Humidity
5% ~95%, non-condensing
- ◆ Dimensions
338 mm x 126 mm
- ◆ Weight
NW: 420g

Features

1. PICMG 1.3 full-size graphics grade solution
2. LGA1155 Intel® Core™ i7/i5/i3/Pentium®/Celeron® processors supported
3. Up to 16 GB 1333 MHz dual-channel DDR3 SDRAM
4. Supports dual independent display by VGA and DVI-D
5. Supports PCIe Mini expansion
6. Intel® PCIe GbE with Intel® AMT 7.0 support
7. Supports SATA 6Gb/s
8. Supports RAID function via SATA 6Gb/s and SATA 3Gb/s
9. TPM V1.2 hardware security provided by the TPM module
10. One Key Recovery solution allows you to create rapid OS backup and recovery

Packing List

1 x SB2011 Single Board Computer	
1 x Dual RS-232 Cable	
4 x SATA Cable	1 x Mini jumper pack
1 x USB Cable	1 x Utility CD
1 x One Key Recovery CD	1 x QIG (Quick Installation Guide)

Ordering Information

Part No.	Description
SB2011	Full-size PICMG 1.3 CPU card supports LGA1155 32nm Intel® Core™ i7/i5/i3/Pentium®/Celeron® CPU with Intel® Q67, DDR3, DVI-D, dual Intel® PCIe GbE, SATA 6Gb/s, PCIe Mini, HD Audio and RoHS