



**Industrial PICMG 1.3 SBC
supports Intel 3rd Gen Core
i7/i5/i3 Processors, SATA
RAID, Dual Gigabit LAN**



Features

- Supports Intel Core i7/i5/i3 Processors
- Dual Gigabit Ethernet supported
- (6) SATA ports supports RAID 0, 1, 5, 10
- Watchdog & Hardware Monitor function

CPU

- LGA 1155 socket for:
 - Intel® Core™ i7-3770 (3.4GHz, 77W)
 - Intel® Core™ i5-3550S (3GHz, 65W)
 - Intel® Core™ i3-3220 (3.3GHz, 55W)

Chipset

- Intel Q77

System Memory

- (2) DIMM supports DDR3 1333/1600 up to 16GB

Display Interface

- Intel HD Graphics
- Up to 352MB frame buffer dedicated memory
- (1) VGA with DB9 and (1) DVI-D with header

Audio

- Intel HD Audio with Realtek ALC662 codec

TPM

- (Option) Infineon SLB9635 for trusted platform

Ethernet

- 1st ports as 10/100/1000Mbps supports WOL, RPL/PXE Boot ROM with Intel® 82574L
- 2nd port as 10/100/1000Mbps support WOL, RPL/PXE Boot ROM with Intel® 82579LM

I/O Interface

- (1) FDD
- (1) LPT with SPP/EPP/ECP supported
- (2) SATA3 6Gbps & (4) SATA2 3Gbps ports supports RAID 0, 1, 5, 10
- (1) PS/2 keyboard/mouse port
- (6) USB 2.0 ports
- (4) USB 3.0 ports
- (1) RS232 & (1) RS232/422/485 serial port

Environment Spec

- 0 ~ 60°C operation temperature
- Operation humidity under 10% ~ 95% relative humidity, non-condensing

Dimension

- 338 x 122mm

Ordering Information

SBC-6508A2GND PICMG 1.3 Full-size SBC with LGA1155, SATA RAID, Dual Gigabit LAN, USB3.0

