



**Industrial PICMG 1.3 SBC
supports Intel 2nd 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™ i7-2600 (3.4GHz, 95W)
 - Intel® Core™ i5-2400 (3.1GHz, 95W)
 - Intel® Core™ i3-2120 (3.3GHz, 65W)

Chipset

- Intel Q67

System Memory

- (2) DIMM supports DDR3 1066/1333 up to 16GB

Display Interface

- Intel HD Graphics
- Intel DVMT 5.0 technology for video memory, share with system memory

Audio

- Intel HD Audio with Realtek ALC662 codec

TPM

- Infineon SLB9635 for trusted platform

Ethernet

- 1st port as 10/100/1000Mbps supports iAMT, Wake-on-LAN, RPL/PXE Boot ROM with Intel 82579LM
- 2nd port as 10/100/1000Mbps supports Wake-on-LAN, RPL/PXE Boot ROM with Intel 82574L

I/O Interface

- (1) FDD, (1) LPT
- (2) SATA 600MBps & (4) SATA 300MBps ports supports RAID 0, 1, 5, 10
- (1) PS/2 keyboard/mouse port
- (14) USB 2.0 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-6505A2GN PICMG 1.3 Full-size SBC with LGA1155, SATA RAID, Dual Gigabit LAN, USB2.0