



LGA775 PICMG 1.3 Bus  
 SBC with VGA, Dual  
 Gigabit LAN, Audio, SATA,  
 USB2.0



## Features

- Supports Intel Core 2 Duo/Quad CPU
- Dual Gigabit Ethernet supported
- 2 COM and 4 USB 2.0 ports
- 4 x SATA

## CPU

- LGA775 supports Intel Core 2 Quad / Core 2 Duo / Celeron 400 series Processors
- 800/1066/1333MHz Front Side Bus

## Chipset

- Intel Q35 & ICH9R

## System Memory

- 2 x 240-pin DIMM supports DDR2 up to 4GB

## Display Interface

- Chipset Integrated Intel GMA3100 Graphics
- Up to 256MB frame buffer size shared with system memory

## Audio

- Integrated Intel High Definition audio

## Ethernet

- Dual Intel Gigabit Ethernet controllers

## I/O Interface

- 1 x IDE, 1 x FDD
- 4 x SATA ports with 300MB/s transfer rate
- 1 x RS232 & 1 x RS232/422/485 serial ports
- 1 x PS/2 keyboard/mouse port
- 4 x USB 2.0 ports
- 8 bit digital I/O interface
- 1 x IrDA Port

## Environment Spec

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

## Dimension

- 338 x 122mm

## Ordering Information

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|---------------------|--|
| <b>SBC-6B13AGN</b>  | Full size SBC with LGA775 for Intel Core 2 Duo/Quad, Single Gigabit LAN, 4 x SATA    |
| <b>SBC-6B13A2GN</b> | Full size SBC with LGA775 for Intel Core 2 Duo/Quad, Dual Gigabit LAN, 4 x SATA RAID |