



PICMG 1.0 SBC supports Intel Core 2 Quad processor with Intel Q35 & ICH9DO, DDR2, 2 x Gigabit Ethernet, Mini PCI, HD Audio, USB 2.0, DVI, SATA



Features

- Supports Intel Core 2 Quad Processors
- Dual Gigabit Ethernet supported
- 6 x SATA with RAID 0, 1, 5, 10
- Watchdog & Hardware Monitor function
- Optional Dual DVI interfaces

CPU

- Intel Core 2 Quad / Duo processors
- 800/1066/1333MHz Front Side Bus

Chipset

- Intel Q35 and ICH9DO

System Memory

- 2 x DIMM supports DDR2 667/800 up to 4GB

Display Interface

- Integrated Intel GMA 3100 engine
- Up to 384MB frame buffer size shared with system memory

Audio

- Realtek ALC888 HD 2CH Codec

Ethernet

- Dual Gigabit Ethernet controllers with 10/100/1000Mbps

I/O Interface

- 1 x FDD, 1 x IrDA, 1 x LPT
- 6 x SATA ports
- 1 x PS/2 keyboard / mouse port
- 8 x USB 2.0 ports
- 1 x RS232 & 1 x RS232/422/485 serial port
- 1 x 8-bit GPIO

Environment Spec

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

Dimension

- 338 x 122mm

Ordering Information

SBC-6234AGD	Intel Core 2 Quad PICMG 1.0 with VGA, SATA, USB 2.0, Audio, RS232/422/485, Mini-PCI, 1 x DVI, 1 x Giga LAN
SBC-6234A2GD	Intel Core 2 Quad PICMG 1.0 with VGA, SATA, USB 2.0, Audio, RS232/422/485, Mini-PCI, 1 x DVI, 2 x Giga LAN
SBC-6234A2G2D	Intel Core 2 Quad PICMG 1.0 with VGA, SATA, USB 2.0, Audio, RS232/422/485, Mini-PCI, 2 x DVI, 2 x Giga LAN