



Industrial PICMG SBC supports Intel Core 2 Duo Processors, integrated 2D/3D graphics, 4 COM, Dual Gigabit LAN



Features

- Supports Intel Core 2 Duo Processors
- Dual Gigabit Ethernet supported
- 4 COM and 4 USB 2.0 ports
- Watchdog & Hardware Monitor function
- ICH8DO supports SATA RAID 0, 1, 5, 10

CPU

- Intel Core 2 Duo/Pentium D/Pentium 4/Celeron D
- 533/800/1066MHz Front Side Bus

Chipset

- Intel Q965 & ICH8DO

System Memory

- 2 x DIMM supports DDR2 533/667/800 up to 4GB

Display Interface

- Intel Graphics Media Accelerator 3000 engine
- Up to 256MB frame buffer size shared with system memory

Audio

- None

Ethernet

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

I/O Interface

- 1 x PATA-100 IDE, 1 x FDD
- 4 x SATA ports support RAID 0, 1, 5, 10
- 1 x 6-pin header PS/2 keyboard/mouse port
- 4 x USB 2.0 ports
- 1 x 8-bit GPIO interface
- 3 x RS232 & 1 x RS232/422/485 serial port
- 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

SBC-63012GN PICMG Full-size SBC with LGA775, SATA, VGA, Dual Gigabit LAN, USB2.0