



Industrial **PICMG 1.3 SBC**
supports Intel Core 2 Quad
Processors, integrated
2D/3D graphics, SATA RAID,
Dual Gigabit LAN



Features

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

CPU

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

Chipset

- Intel Q45 & ICH10DO

System Memory

- 2 x DIMM supports DDR3 800 / 1066 up to 4GB

Display Interface

- Intel Graphics Media Accelerator 4500 engine
- Up to 1024MB frame buffer size shared with system memory

Audio

- Integrated High Definition audio

Ethernet

- Single or Dual Intel Gigabit Ethernet controllers with 10 / 100 / 1000Mbps

I/O Interface

- 1 x Parallel Port, 1 x FDD
- 6 x SATA ports support RAID 0, 1, 5, 10
- 1 x PS / 2 keyboard / mouse port
- 8 x USB 2.0 ports
- 1 x 8-bit GPIO & SMBus interface
- 5 x RS232 & 1 x RS232 / 422 / 485 serial port
- 1 x IrDA port

Expansion

- 1 x PCIe x16, 1 x PCIe x4, 4 x PCI and 4 x USB2.0 for PICMG 1.3 backplane

Environment Spec

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

Dimension

- 338 x 122mm

Ordering Information

SBC-6224AGN PICMG 1.3 Full-size SBC with LGA775, DDR3, SATA, VGA, Gigabit LAN, USB2.0

SBC-6224A2GN PICMG 1.3 Full-size SBC with LGA775, DDR3, SATA, VGA, Dual Gigabit LAN, USB2.0