

Industrial Full Size CPU Card

SHB-960 PICMG1.3 SPEC Full Size CPU Card Based on Intel® Q67/Q77



SHB-960 is a type of full size CPU Card that conforms to PICMG1.3 specification. It is based on Intel Q67/77 chipset and supports LGA1155 Intel Sandy/Ivy Bridge processor. Onboard 2x 240Pin DIMM slots. Q67 supports DDR3 1066/1333MHZ while Q77 supports DDR3 1066/1333/1600MH, up to 8GB. Featured by rich I/O, SHB-960 provides max. 12x USB2.0 (four provided via backplane), 4x SATAII, 2x SATAIII, 2x COM, 1x LPT, 2x Gigabit Ethernet and HD Audio.

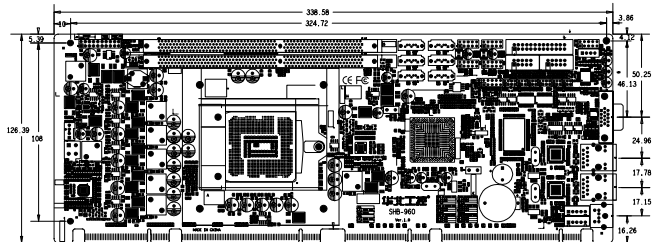
Coming with other features such as high processing speed, excellent anti-interference and anti-electromagnetism compatibility, SHB-960 is widely used in ferrous metallurgy, petrochemical industry, complete sets of electromechanical equipments, medicine and food industry, CNC machine, industrial furnace and military or scientific research fields, etc.

Features :

- ♦ Adopt Intel Q67/77 chipset, support Intel Sandy/Ivy Bridge processor
- ♦ 2x dual channel DDR3 DIMM
- ♦ Q67 supports DDR3 1066/1333MHZ and Q77 supports DDR3 1066/1333/1600MH, up to 8GB
- ♦ 2x Gigabit Ethernet
- ♦ 2x COM /12x USB2.0 /4x SATAII /2x SATAIII /1x LPT
- ♦ Dimension: 338mmx126mm

Dimensions :

Unit:mm



Specifications :

Specification	
CPU	LGA1155 Intel Sandy/Ivy Bridge(Q67/Q77)
Chipset	Intel Q67/Q77
Memory	Intel Sandy Brdige supports dual channel DDR3 1066/1333MHz DIMM, up to 8GB, without ECC function Intel Ivy Brdige supports dual channel DDR3 1066/1333 /1600MHz DIMM, up to 8GB, without ECC function
BIOS	AMI EFI BIOS
Super I/O	Winbond W83627DHG-P
Ethernet	Intel 82574L10/100/1000Mbps,2x LAN
Graphic Controller	Intel Sandy Brdige/Ivy Integrated
Display	1xVGA with resolution up to 2048 x1536
Audio	Realtek ALC887 HD Audio, Line-out, Line-in, Mic-in,CD-in Pin
I/O	4x SATAII 2x SATAIII 12x USB2.0 (four provided via backplane) 1x KB/MS 1xLPT 2x RS-232/422/485
Expansion	Expansion provided via PICMG1.3 backplane
Watchdog	Level 255, Trigger a system reset when the timer overflows
GPIO	8 bit Super I/O 4x In & 4x Out
FAN	1x 4 Pin CPU FAN
Power Supply	+12V + backplane power supply
Temperature	0°C~60°C (operating) -40°C~80°C (Storage)
Humidity	5%~95%, relative humidity, non-condensing
Dimension	338mm x126mm