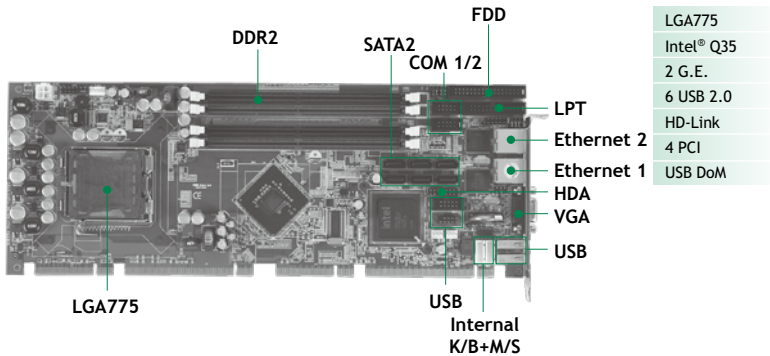


# SHB101

LGA775 Intel® Core™2 Quad PICMG 1.3 Full-size CPU Card with Intel® Q35 + ICH9R Chipset, VGA, Dual LANs and RAID



LGA775
Intel® Q35
2 G.E.
6 USB 2.0
HD-Link
4 PCI
USB DoM

## Features

- LGA775 for Intel® Core™2 Quad/ Core™2 Duo/ Celeron® processor with 800/1066/1333 MHz
- 4 DDR2 DIMM support up to 8 GB memory capacity
- Intel® Q35 GMCH integrated graphics media 3100
- 6 SATA-300 with RAID 0, 1, 10 and 5
- 6 USB 2.0 ports

## System

CPU	LGA775 socket for Intel® Core™2 Quad/ Core™2 Duo/ Celeron® processors with FSB 800/1066/1333 MHz
System Memory	4 x 240-pin DIMM supports DDR2-667/800 max. up to 8 GB
Chipset	Intel® Q35 + ICH9R
BIOS	Phoenix-Award
SSD	N/A
Watchdog Timer	255 levels, 1-255 sec.
Expansion Interface	1 x PCIe x16 graphics port supports for SDVO or PCIe x1 devices 4 x PCIe lanes support 1 PCIe x4 or 4 PCIe x1 I/O devices 4 x 32-bit PCI bus masters
Battery	Lithium 3V/220 mAH
Power Requirements	Intel® E6400 @2.133 GHz , 1GB DDR2 +5V_SBY @ 43mA, +3.3V @ 750mA, +5V @ 2.405A, +12V (System) @ 125mA, -12V @ 28mA, +12V (CPU) @ 2.013A
Size	338 x 126 mm
Board Thickness	1.6 mm
Temperature	0° C - +60° C (32° F - 140° F), operation
Relative Humidity	10% - 95% relative humidity, non-condensing

## I/O

MIO	1 x FDD 1 x PS/2 keyboard 1 x PS/2 mouse 1 x LPT; with SPP/EPP/ECP supported 1 x RS-232 (COM 1) 1 x RS-232/422/485 (COM2)
SATA	6 x SATA-300 with RAID 0/1/10/5
Hardware Monitoring	Detect CPU/system temperature, voltage and fan speed
Ethernet	2 ports as 10/100/1000Mbps support Wake-on-LAN, RPL/PXE Boot ROM with Intel® 82573L
Audio	HD Codec audio as MIC-in/Line-in/Line-out/speaker-out with audio kit AX93242 (optional)
USB	6 x USB 2.0
SMBus	System Management Bus for advanced monitoring/control

## Display

Chipset	Intel® GMA 3100 graphics Core
Memory Size	Intel® DVM 4.0 compliant
Display Interface	1 x VGA

## Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
Part Number	Description	Qty
59380502000E	COM + Print cable w/ bracket	1
593826A0000E	SATA signal cable 500mm	1

## Ordering Information

Standard	
SHB101VGG	LGA775 socket PICMG 1.3 full-size CPU card with VGA, 2 10/100/1000Mbps Ethernet and 10 USB
Optional	
593836A0030E	4-pin power cable to SATA x 2, L=150mm
5938A808010E	2 x USB port cable, L=190mm
E393242100	AX93242-RC HD audio converter kit
59380000290E	PS/2 keyboard & mouse cable with bracket