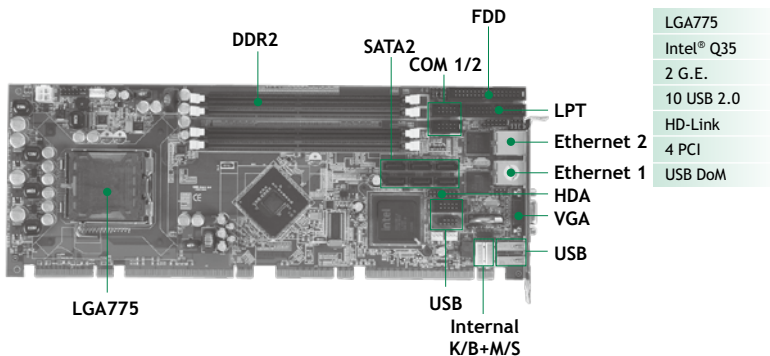


# SHB101

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



## 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 8GB
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 1 x PCIe x4 for 1 x PCIe x4 or 4 x PCIe x1 I/O devices 4 x 32-bit PCI bus masters
Battery	Lithium 3V/220 mAH
Size	338 x 126 mm
Temperature	0° C ~ +60° C (32° F ~ 140° F), operation
Operation 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	10 x USB 2.0 ports
SMBus	System Management Bus for advanced monitoring/control

## 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
- 10 USB 2.0 ports

## Display

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

## Packing List

Standard		
Quick installation guide, user's manual/utility CD, cable		
Cable		
Part Number	Description	SHB101VGG 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 (P/N: E38C101100) with VGA, 2 10/100/1000Mbps 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