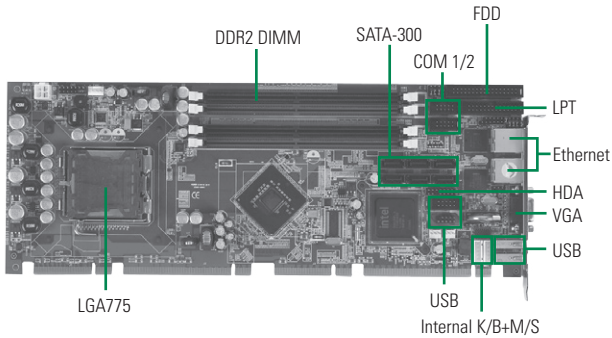


SHB101

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



Features

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

System

| | |
|---------------------|--|
| CPU | LGA775 socket for Intel® Core™2 Quad/Core™2 Duo & Celeron® processor with FSB 800/1066/1333 MHz |
| System Memory | 4 x 240-pin DIMM support 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 16-bit ISA |
| Battery | Lithium 3V/220 mAH |
| Power Requirements | Intel® E6400 @2.133 GHz , 1 GB 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° ~ +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 | 10 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 500 mm | 1 |

Ordering Information

Standard

| | |
|-----------|---|
| SHB101VGG | LGA775 socket PICMG 1.3 full-size CPU card with VGA, 2 GbE LAN and 10 USB 2.0 |
|-----------|---|

Optional

| | |
|--------------|---|
| 593836A0030E | 4-pin power cable to SATA x2, L=150 mm |
| 5938A808010E | 2 x USB cable with bracket, P=2.54 mm, L=190 mm |
| E93242100 | AX93242-RC HD audio converter kit |
| 5938000290E | PS/2 keyboard & mouse cable with bracket |
| E9C900B008 | LGA775 slim cooler 3P H=25 mm (for 1U Chassis) |
| E9C900B009 | LGA775 cooler 3p H=66.8 mm (for 2U/4U/Shoebox) |
| E9C900B010 | LGA775 cooler 4p H=61.4 mm (for 2U/4U/Shoebox) |

* This product must use a proprietary CPU cooler. we strongly recommend purchasing from Axiomtek.