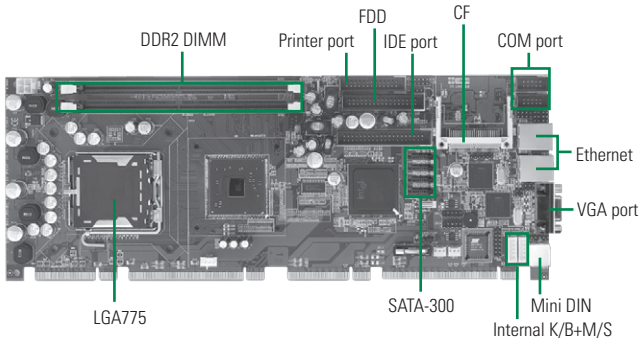
SHB100

LGA775 Intel® Core™2 Duo PICMG 1.3 Full-size CPU Card with Intel® 945G + ICH7R Chipset, VGA, Dual LANs and Audio



Features

- LGA775 for Intel® Core™2 Duo/ Celeron® processors with 533/800/1066 MHz
- Intel® 945G + ICH7R chipset
- 2 DDR2 DIMM support up to 4 GB memory
- With Intel® GMA 950 high performance integrated graphics controller
- 4 SATA-300 with RAID 0, 1, 10 and 5

System

CPU	LGA775 socket for Intel® Core™2 Duo/ Pentium® 4/ Pentium®/ Celeron® D/ Celeron® processors with FSB 533/800/1066 MHz
System Memory	2 x 240-pin DIMM support DDR2-400/533/667 max. up to 4 GB
Chipset	Intel® 945G + ICH7R
BIOS	Phoenix-Award
SSD	1 x CompactFlash™ type-II socket
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 for 1 x PCIe x4 or 4 x 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 , 1GB DDR2 +5V_SBY @ 26mA, +3.3V @ 747mA, +5V @ 3.116A, +12V (System) @ 128mA, -12V @ 31mA, +12V (CPU) @ 1.975A 16-bit ISA
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 IDE; PATA-100 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	4 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	AC'97 Codec audio as MIC-in/Line-in/Line-out with Realtek ALC203
USB	4 USB 2.0
SMBus	N/A

Display

Chipset	Intel® GMA 950 graphics core
Memory Size	Intel® DVMT 3.0 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
59381400000E	FDD flat cable	1
59381560000E	Mini DIN Y-cable for PS/2 K/B + M/S	1
59382601000E	Ultra DMA66 IDE cable 40P 255mm	1
593826A0000E	SATA signal cable 500mm	1
593836A0030E	SATA power cable 150mm	1

Ordering Information

Standard

SHB100VGGA (P/N: E38C100103)	LGA775 socket PICMG 1.3 full-size CPU card with VGA, 2 10/100/1000Mbps Ethernet and audio
SHB100VGA (P/N: E38C100104)	LGA775 socket PICMG 1.3 full-size CPU card with VGA, 10/100/1000Mbps Ethernet and audio

Optional

E9C900B008	LGA775 slim cooler 3P H=25mm (for 1U Chassis)
E9C900B009	LGA775 cooler 3p H66.8mm (for 2U/4U/Shoebox)
E9C900B010	LGA775 cooler 4p H61.4mm (for 2U/4U/Shoebox)
59383600000E	Audio cable with bracket
59380000290E	PS/2 keyboard & mouse cable with bracket
5938A808010E	2 x USB cable with bracket, P=2.54mm, L=190mm

* All specifications and photos are subject to change without notice.