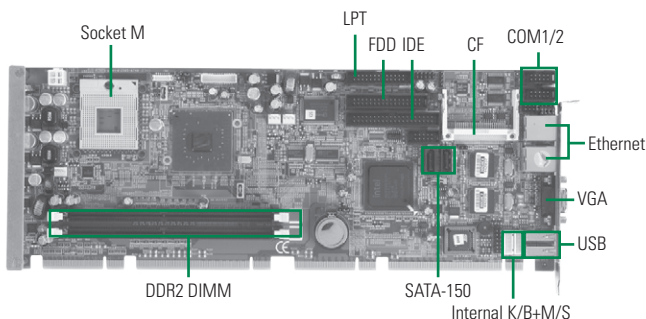


SHB110

Socket M Intel® Core™2 Duo & Celeron® Processor PICMG 1.3 Full-size CPU Card with Intel® 945GME + ICH7M-DH, VGA, Dual LANs and Audio



System

CPU	Socket M for Intel® Core™2 Duo/Core™2 Duo/Core™ Solo/ Celeron® M processor with FSB 533/667 MHz
System Memory	2 x 240-pin DIMM support DDR2-533/667 max. up to 4 GB
Chipset	Intel® 945GME + ICH7M-DH
BIOS	Phoenix-Award
SSD	1 x CompactFlash™ type-II
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
Battery	Lithium 3V/220 mAh
Power Requirements	Intel® T2400 @1.83 GHz, 1 GB DDR2 +5V_SBY @ 35mA, +3.3V @ 942mA, +5V @ 1.782A, +12V @ 1.401A, -12V @ 63mA
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	2 x SATA-150; with RAID 0/1
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	8 x USB 2.0
SMBus	N/A

Features

- Socket M for Intel® Core™2 Duo and Celeron® processor with 533/667 MHz
- 2 DDR2 DIMM support up to 4 GB memory
- With Intel® GMA950 high performance integrated graphics controller
- 2 SATA-150 with RAID 0, 1

Display

Chipset	Intel® GMA 950 graphics core
Memory Size	Intel® DVM T 3.0 compliant
Display Interface	1 x VGA 1 x LVDS; 18/24-bit single/dual channel

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
59382601000E	Ultra DMA66 IDE cable 40P 255 mm	1
593826A0000E	SATA signal cable 500 mm	1

Ordering Information

Standard

SHB110VGGA	Socket M PICMG 1.3 full-size CPU card with VGA, 2 GbE LAN and audio (P/N: E38C110100)
SHB110VGA	Socket M PICMG 1.3 Full-size CPU card with VGA, GbE LAN and audio (P/N: E38C110101)

Optional

593836A0030E	4-pin power cable to SATA x 2, L=150 mm
5938A808010E	2 x USB cable with bracket, P=2.54 mm, L=190 mm
59383600000E	Audio cable with bracket, P=2.54 mm
E9C900B001	LGA775 p4 cooler 3-pin H=66.8 mm
59380000290E	PS/2 keyboard & mouse cable with bracket