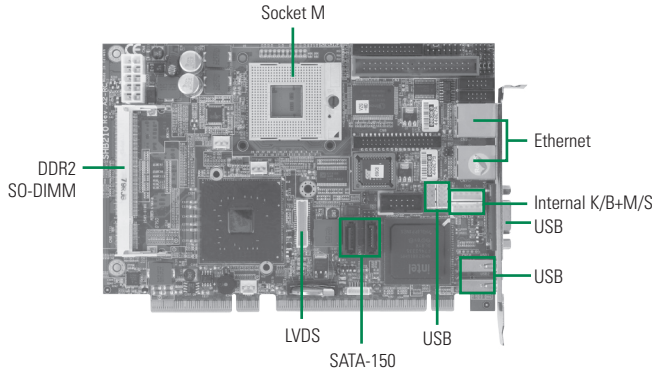
SHB210

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



Low Power

Full Solid Cap Design

Features

- Socket M for Intel® Core™2 Duo and Celeron® M Processor with 533/667 MHz
- 2 DDR2-533/665 SO-DIMM support up to 4 GB
- With Intel® GMA 950 integrated graphics controller for VGA and LVDS

System

CPU	Socket M for Intel® Core™2 Duo/ Core™ Duo/ Core™ Solo/ Celeron® M processor with FSB 533/667 MHz
System Memory	2 x 200-pin SO-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 1 x PCIe x4 or 4 x PCIe x1 I/O devices
Battery	Lithium 3V/196 mAH
Power Requirements	Intel® T7600 @2.33 GHz, 2 GB DDR2 +5V_SBY @ 21mA, +3.3V @ 916mA, +5V @ 112mA, +12V @ 2.332A, -12V @ 34mA
Size	185 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 FDD 1 x PS/2 keyboard 1 x PS/2 mouse 1 x LPT; with SPP/EPP/ECP supported 1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1)
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 Realtek RTL8111B
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	N/A

Display

Chipset	Intel® GMA 950 graphics core
Memory Size	Intel® DVMT 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
59384500000E	COM + Print cable w/ bracket	1
59382601000E	Ultra DMA66 IDE cable 40-pin 455 mm	1
59384500300E	FDD flat cable 2.54" to 2.0 pitch 320 mm	1
593826A0000E	SATA signal cable 500 mm	1
50784830200E	CPU heatsink with fan	1

Ordering Information

Standard

SHB210VGG (P/N: E38C210100)	Socket M PICMG 1.3 half-size CPU card with VGA/LVDS, 2 GbE LAN and 6 USB
SHB210VG (P/N: E38C210101)	Socket M PICMG 1.3 half-size CPU card with VGA/LVDS, GbE LAN and 6 USB

Optional

593836A0030E	4-pin power cable to SATA x 2, L=150 mm
59382631000E	2 x USB 2.0 wafer cable with bracket, L=180 mm
E393242101	AX93242-RC HD audio converter kit

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

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