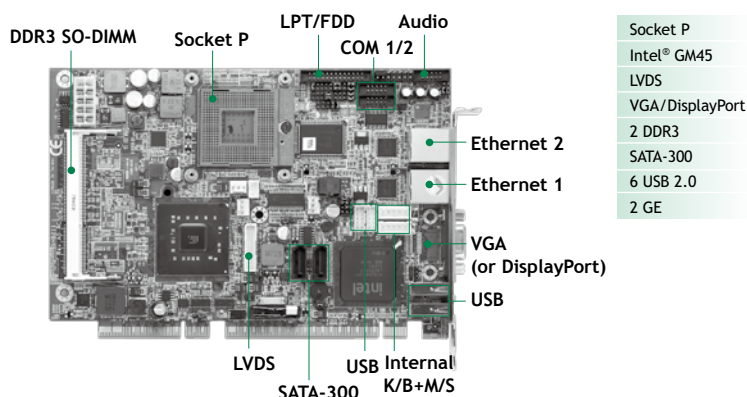


SHB211

Socket P Intel® Core™2 Duo PICMG 1.3 Half-size CPU Card with Intel® GM45 + ICH9M/ ICH9M-E Chipset, DisplayPort/VGA/LVDS, Dual LANs and Audio



Features



- Socket P for Intel® Core™2 Duo/Celeron® M processor with 800/1066 MHz
- Intel® GM45 + ICH9M chipset (optional ICH9M-E)
- 2 DDR3 SODIMM support up to 8 GB
- With Intel® Gen 5 high performance integrated graphics controller for DisplayPort/VGA and LVDS
- RAID 0, 1, 5, 10 (optional with ICH9M-E)

System

CPU	Socket P for Intel® Core™2 Duo processor with FSB 667/800/1066 MHz
System Memory	2 x 204-pin SO-DIMM support DDR3-800/1066 max up to 8GB
Chipset	Intel® GM45 + ICH9M/ICH9M-E
BIOS	AMI
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 1 x PCIe x4 for 1 x PCIe x4 or 4 x PCIe x1 I/O devices
Battery	Lithium 3V/220 mAh
Size	185 x 126 mm
Temperature	0° C ~ +60° C (32° F ~ 140° F), operation
Operation Humidity	10% ~ 95% relative humidity, non-condensing

Display

Chipset	Intel® GMA 4500HD graphics Core
Memory Size	Intel® DVM T 5.0 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	SHB211VGGA Qty
593826A0000E	SATA signal cable 500mm	1
59384500000E	COM + Print cable w/ bracket	1

I/O

MIO	1 x FDD/LPT(default); with SPP/EPP/ECP supported 1 x PS/2 keyboard 1 x PS/2 mouse 1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1)
SATA	2 x SATA-300
Hardware Monitoring	Detect CPU/system temperature, voltage and support Smart Fan control
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 Realtek ALC662
USB	6 x USB 2.0 ports
SMBus	System Management Bus for advanced monitoring/control

Ordering Information

Standard	
SHB211VGGA (E38C211100)	Socket P PICMG 1.3 half-size CPU card with VGA/LVDS LCD, 2 10/100/1000Mbps and audio
Optional	
5078B850200E	Heatsink with fan