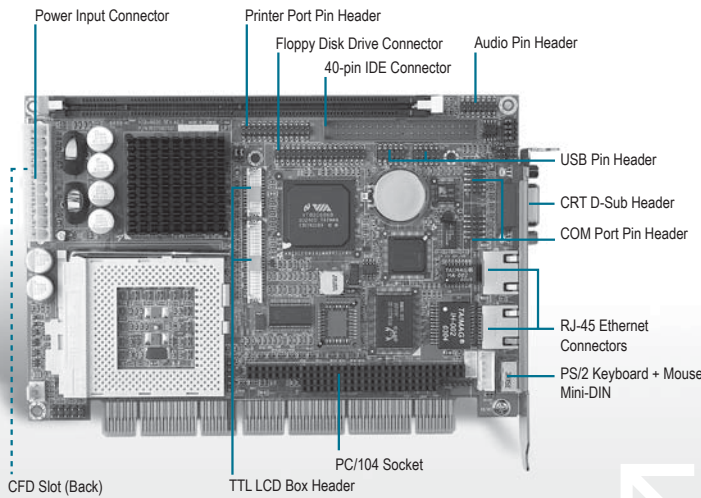


# HSB-660S

Computing Platform Service Partner

## Intel® Pentium® III and Celeron® Processors Processor



### Features

- Supports Socket 370-based Intel® Pentium® III and Celeron® Processors
- 36-bit TTL TFT/DSTN LCD Panel
- AC97 High-quality Audio
- Supports PC/104 Slot
- Supports Type II CompactFlash™ Memory
- 2 COM / 4 USB

### Specifications

System	
Form Factor	PCISA, Half-size SBC
Processor	Socket 370-based Intel® Pentium® III and Celeron® processors (.13µ / .18µ) support up to 1.4GHz
System Memory	168-pin SDRAM DIMM x 1, Max, 512MB (PC 66/100/133)
Chipset	VIA VT8606 + VT82C686B
Ethernet	Realtek 8139DL+8100C, 10/100Base-TX RJ-45 connector x 2 or Intel® 82551QM/ER + Realtek 8110S, 10/100Base-TX RJ-45 connector x 1 + 10/100/1000Base-TX RJ-45 connector x 1
BIOS	AWARD 256KB FLASH ROM
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
IDE Interface	ATA-100 x 1
SSD	CompactFlash™ Type II slot x 1
Expansion Interface	PCISA interface, PC/104 socket x 1
RTC	Internal RTC
Battery	Lithium battery
Power Requirement	AT/ATX
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Board Size	7.3" (L) x 4.8" (W) (185 mm x 122 mm)
Gross Weight	0.7 lb (0.3 kg)
MTBF (Hours)	88,671
Power Consumption (Typical)	29W, with Pentium® III 850 MHz / FSB 100MHz / 256MB L2 Cache
Display	
	Supports CRT and LCD simultaneous display
VGA Controller	VIA VT8606
Memory	Shared system memory up to 32MB
Resolutions	Up to 1600x1200@16bpp colors for CRT Up to 1024x768@18bpp colors for LCD
LCD Interface	Up to 36-bit dual channels TTL TFT/DSTN LCD
I/O	
I/O Chipset	VIA VT82C686B
IrDA	One IrDA Tx/Rx header
Audio	Mic-in, Line-in, Line-out / Speaker-out
MIO	EIDE x 1 (UDMA100 x 1), Floppy Disk Drive x 1, Keyboard+Mouse x 1, RS-232 x 1, RS-232/422/485 x 1, Parallel x 1
USB	Two 5x2-pin headers support 4 USB 1.1 ports



### Packing List

- 1701400453 ATA100 Cable
- 1701340702 Floppy Disk Drive Cable
- 1701010302 Parallel+Serial Port Cable
- 1700060192 Keyboard/Mouse Cable
- 1709100201 USB Cable
- 1709140301 Audio+Serial Port Cable
- P90657B000 CFD Cover
- Quick Installation Guide
- Utility CD
- HSB-660S

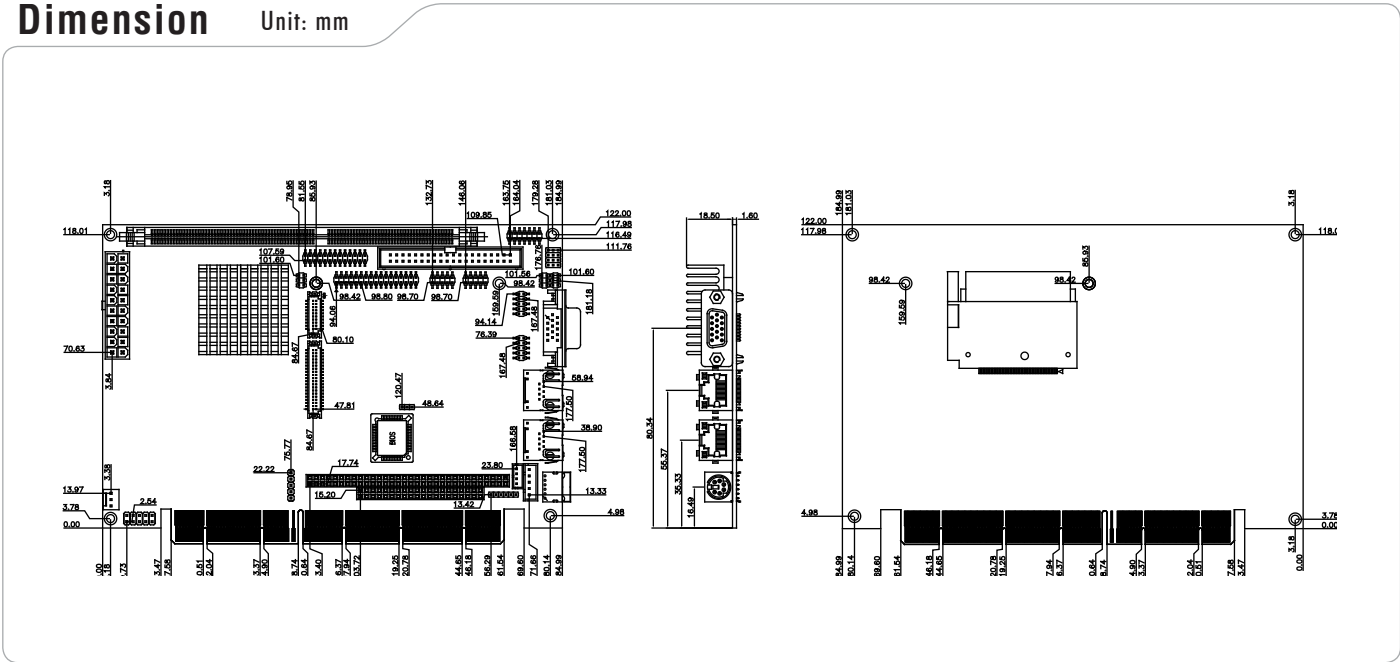
### Ordering Information

- **HSB-660S-A10**  
Half-size PCISA CPU Card, FC-PGA2, with LCD, RTL8100C+RTL8139DL, AC97, CF, Rev.A1.0
- **HSB-660S-A10-01**  
Half-size PCISA CPU Card, FC-PGA2, with LCD, RTL8110S+I82551ER, AC97, CF, Rev.A1.0

### Optional Accessories

- 1759200152 CPU Cooler Fan + Heat Sink, FCPGA, 3P, 12V, 1 U Low Profile
- 1759200329 CPU Cooler, for Socket 370, 3P, 12V, H=22mm
- 1702200201 Conversion Cable for ATX to AT Power Supply (200mm) for HSB-657I/660, MB-662, PCM-6892/6893/6898, SBC-657/659/659P/780

**Dimension** Unit: mm



**Passive Backplane Options**

P/N	Description	Master Interface	Slots (PCI/ISA/PCISA)	Power Connector, ATX Extend Function
TF-BP-204SS-P1-A11	PCISA, 4-slot. Backplane. 1 PCI/ 2 ISA. Single Segment. AT power connector. Ver. 1.1	PCISA	1/1/2	AT
TF-BP-204SS-P2-A10	Wallmount, PCISA, 4-slot Backplane, 2 PCI/ 1 ISA, Single Segment, AT, Ver. 1.0	PCISA	2/1/1	ATX, 6-pin ATX extend
TF-BP-206SS-P4-A11	Wallmount, PCISA, 6-slot. 4 PCI, 3 PCISA, Single Segment, ATX, Ver. 1.1	PCISA	4/0/3	ATX, 6-pin ATX extend