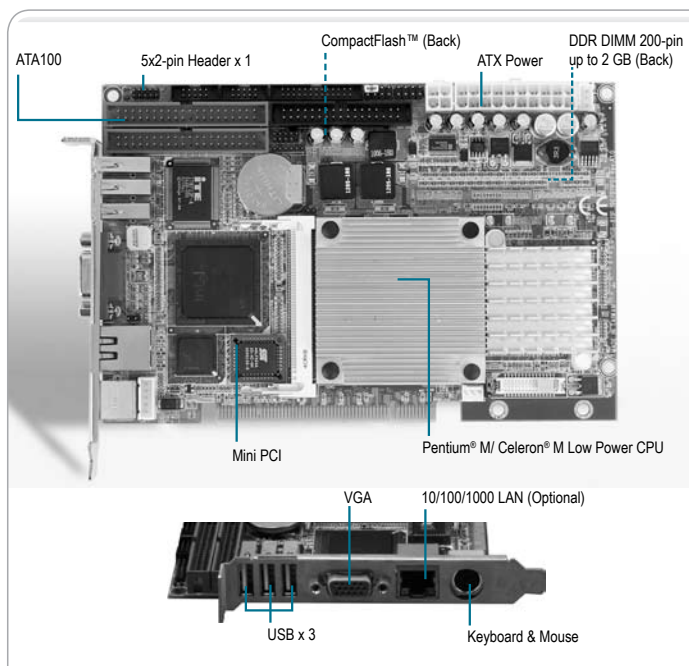


■ PCI Half-Size SBC With Onboard/ Socket Type Intel® Pentium® M/ Celeron® M Processor



Specifications

System	
Form Factor	PCI Half-Size SBC
Processor	Intel® Pentium® M/ Celeron® M CPU, FSB: 400 MHz, Onboard 600 MHz/ non-cache, onboard or Socket type
System Memory	2 x 200-pin 2.5V DDR SODIMM Socket, up to 2 GB, support DDR memory (DDR200/266 for 82852GME), (DDR266/333 for 82855GME)
Chipset	Intel® 82852GME/ 82855GME + Intel® 82801DB (ICH4)
Ethernet	10/100Base-TX or Gigabit Ethernet (optional), RJ-45 x 1 Intel® 82562EZ (10/100Base-TX) / 82541PI (10/100/1000Base-TX)
BIOS	Award Plug & Play Firmware Hub BIOS-4 Mb ROM
Expansion Interface	PCI, Interface/ Mini PCI, Type III
Watchdog Timer	1~255 step can be set with software on Super I/O
RTC	Internal RTC
Battery	Lithium battery
Power Requirement	ATX 2.1 Power
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Board Size	7.3" (L) x 4.8" (W) (185mm x 122mm)
Gross Weight	0.66 lb (0.3 kg)
MTBF (Hours)	95,000
Power Consumption (Typical)	19W, onboard Celeron® M 600 MHz/ FSB 400 MHz
Display	
Supports CRT/ LCD simultaneous display	
VGA Controller	Integrated on Intel® 82852GME/ 82855GME, AGP 4X, dual display support
Memory	Shared system memory up to 128 MB
Resolutions	Up to 1280 x 1024@32bpp colors for CRT Up to 1280 x 1024@24bpp colors for LCD
LCD Interface	Integrated on Intel® 82852GME/ 82855GME, up to 48-bit dual-channel LVDS
I/O	
ICH 4 + ITE IT8712F	
Storage	ATA100 x 2 Channel (Supports two ATAPI devices) CompactFlash™ Type II (Hot swappable) Standard Floppy Connector x 1 (up to 2 devices)
Serial Port	Two COM ports: (Internal Pin Header x 2) COM 1: RS-232, COM 2: RS-232/422/485
Parallel Port	Supports SPP/ EPP/ ECP modes
Universal Serial Bus	USB2.0 x 5 5 x 2 pin-header x 1 Type-A onboard x 3
PS/2 Port	Keyboard x 1; Mouse x 1
IrDA	IrDA header x 1
Audio (Daughter Board)	Realtek ALC655 AC97 Codec, MIC-in/Line-in/Line-out/CD-in

Features

- Intel® Pentium® M/ Celeron® M Onboard/ Socket Type Low Power Processor
- Intel® 82852GME (82855GME) + Intel® ICH4
- DDR 266 Memory up to 2 GB
- 10/100Base-TX Ethernet x 1 or Gigabit Ethernet x 1
- Integrated AGP 4X 2D/3D Graphics Accelerator, LVDS Support
- AC97 Codec Audio Daughter Board Optional
- Ultra ATA100 x 1 & CompactFlash™ Type II x 1
- USB2.0 x 5, COM x 2, Parallel x 1, IrDA x 1
- Mini-PCI Type III Socket, PCI Expansion
- ATX 2.1 Power



Packing List

- **1701340704**
Flat Cable, 34P, 70cm, GRAY for Floppy Disk Drive
- **1701400453**
Cable, 40P 2.54mm IDC w/Nose w/Fold, 40P 2.54mm IDC w/Nose w/Fold, 45cm, Blue ATA100
- **1709100201**
USB Cable, 20cm 2.0mm, w/Bracket
- **1700060192**
Cable, 6P-6P-6P, 19cm, IVORY PS/2 / Keyboard & Mouse
- **1701260307**
Flat Cable, 9P/DB9P Male & 25P DB25P Female, 10P 2mm & 26P 2mm/IDC No Fold, 30cm, w/Bracket
- **1701100305**
Flat Cable, 9P/DB9P Male, 10P/2.0mm Pitch/IDC No Fold, 30cm, w/Bracket
- **1703030501**
Wire, 3P 2.5mm Housing, 3P 2.5mm Housing, 50cm
- **Quick Installation Guide**
- **Utility CD**
- **HSB-811P**

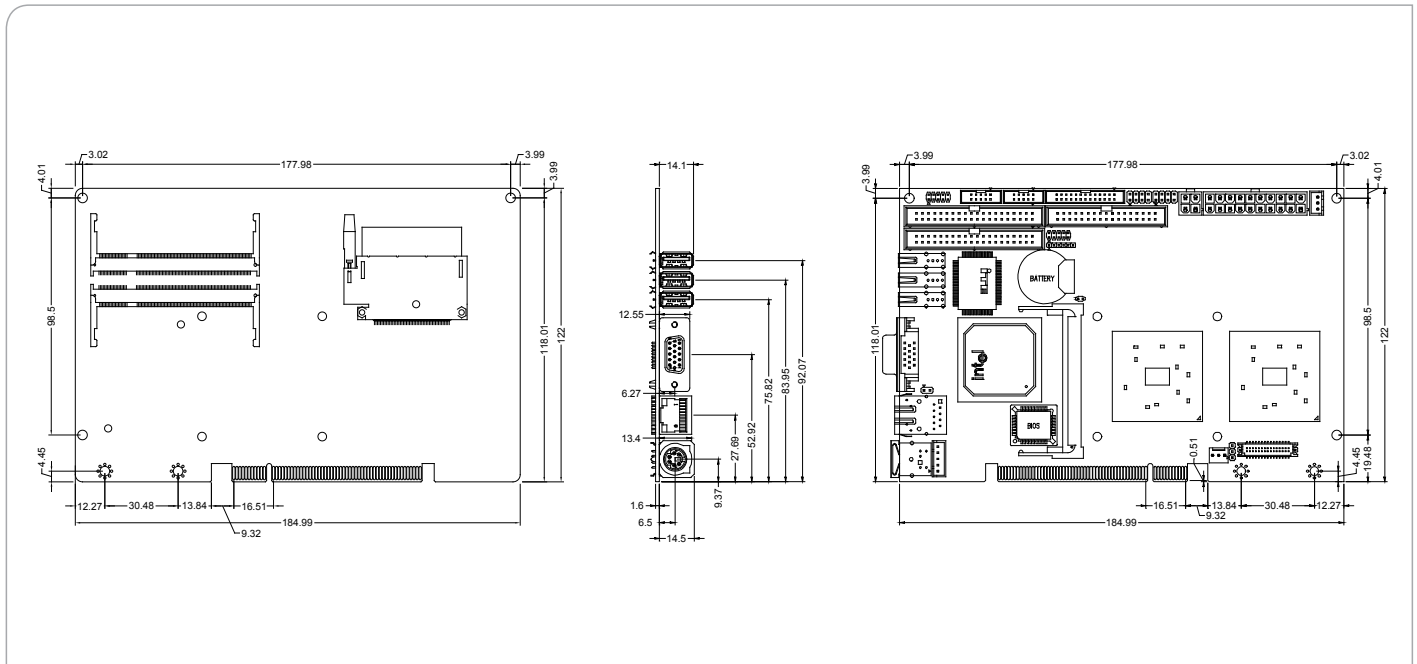
Ordering Information

- **TF-HSB-811P-A11-V**
Half-Size PCI, Pentium® M, ULV Celeron® M 600, VGA, LVDS, 5 USB, CompactFlash™, Mini-PCI, ATX, Rev. A1.1
- **TF-HSB-811P-A11-VE**
Half-Size PCI, Pentium® M, ULV Celeron® M 600, VGA, LVDS, 1 10/100Base-TX Ethernet, 5 USB, CompactFlash™, Mini-PCI, ATX, Rev. A1.1
- **TF-HSB-811P-A11-VG**
Half-Size PCI, Pentium® M, ULV Celeron® M 600, VGA, LVDS, Gigabit Ethernet, 5 USB, CompactFlash™, Mini-PCI, ATX, Rev. A1.1
- **TF-HSB-811P-A11-PE**
Half-Size PCI, CPU Card, Socket 479, VGA, 1 10/100Base-TX Ethernet, 5 USB, CompactFlash™, Mini-PCI, LVDS, ATX, Rev. A1.1
- **TF-HSB-811P-A11-VEC**
Half-Size PCI SBC, Socket 479 w/ Intel® 82855GME, VGA, 1 10/100Base-TX Ethernet, 5 USB, CompactFlash™, Mini-PCI, LVDS, ATX, Rev. A1.1

HSB-811P

Dimension

Unit: mm



Passive Backplane Options

P/N	Description	Master Interface	Slots (PCI/ ISA/ PICMG_PCI)	Power ATX Extend Function
TF-BP-208SP-P7	Wallmount, 8-slot Backplanes, 7 PCI, Single Segment, ATX	PCI	(7/0/1)	ATX, 3-pin ATX Extend
TF-BP-206SP-P4	Wallmount, 6-slot Backplanes, 4 PCI, Single Segment, ATX	PCI	(4/0/2)	ATX, 3-pin ATX Extend
TF-BP-205SP-P4	Wallmount, 5-slot Backplanes, 4 PCI, Single Segment, ATX	PCI	(4/0/1)	ATX, 3-pin ATX Extend
TF-BP-204SP-P3	Wallmount, 4-slot Backplanes, 3 PCI, Single Segment, AT/ATX	PCI	(4/0/1)	AT/ATX, 3-pin ATX Extend

Optional Accessories

- TF-PER-U00A
AC97 Audio Daughter Board