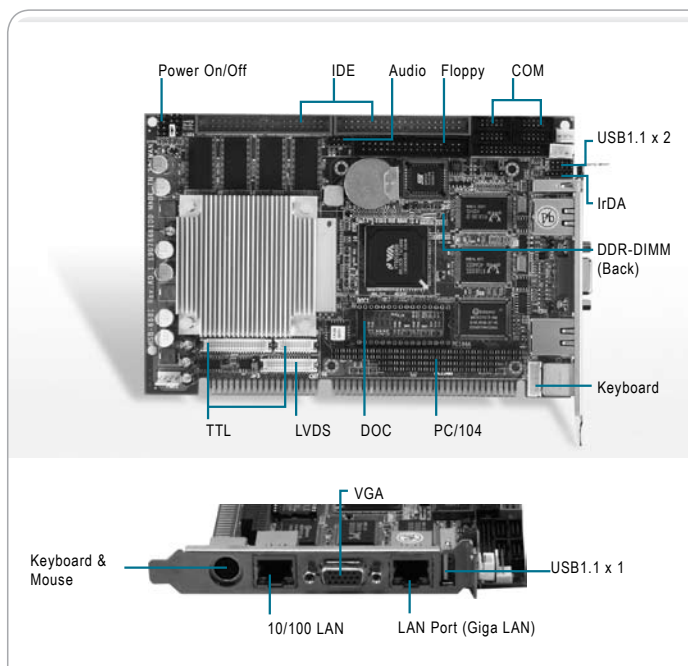


■ ISA Half-Size SBC With Onboard VIA Mark 533 MHz Processor



Specifications

System	
Form Factor	ISA Half-Size SBC
Processor	Onboard VIA Mark 533 MHz CPU
System Memory	144-pin 3.3V SODIMM Socket x 1, up to 512 MB onboard 128 MB memory, supports PC 133 types
Chipset	Mark + VT82C686B
Ethernet	10/100Base-TX x 2 or 10/100Base-TX x 1 + Gigabit Ethernet x 1, RJ-45 x 2, Realtek 8100C (10/100Base-TX) Realtek 8110S (10/100/1000Base-TX)
BIOS	Award Plug & Play ISA BIOS – 2 Mb ROM
Expansion Interface	ISA interface, PC/104
Watchdog Timer	1~255 step can be set with software
RTC	Internal RTC
Battery	Lithium battery
Power Requirement	+5V only, Mini 4-pin power connector
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)	80,000
Power Consumption (Typical)	14W, Onboard VIA Mark 533 MHz
Display	
VGA Controller	Integrated on VIA Mark
Memory	32 MB frame buffer shared system
Resolutions	1600 x 1200 @ 32bpp colors for CRT 1280 x 1024 @ 24bpp colors for LCD
LCD Interface	Up to 36-bit LVDS/ TTL LCD support
I/O	
I/O Chipset	VT686B + Winbond 83977ATF
Storage	ATA100 (Support four ATAPI devices) x 2 Disk On Chip 2000 support Standard Floppy Disk Drive x 1
Serial Port	COM x 4: (Internal Pin Header x 4) COM 1, 3, 4: RS-232 COM 2: RS-232/422/485 (Pin 9 support +5V by Jumper)
Parallel Port	Supports SPP/ EPP/ ECP modes
Universal Serial Bus	USB1.1 x 3 5 x 2 pin header x 1 Type A x 1
PS/2 Port	Keyboard x 1; Mouse x 1
IrDA	IrDA and CIR header x 1
Audio (Daughter Board)	AC97 Codec, MIC-in/ Line-in/ Line-out/ CD-in

Features

- Onboard VIA Mark 533 MHz Processor
- VIA Mark + VT82C686B
- One SODIMM SDRAM, Memory Up To 512 MB, Onboard 128 MB SDRAM
- 10/100Base-TX x 2 or 10/100Base-TX x 1 + Gigabit Ethernet x 1 (Optional)
- Integrated ProSavage4 Graphic, 2D/3D VGA Support, 2 Channel 36-bit LVDS LCD Support
- AC97 Codec Audio Daughter Board Optional
- Ultra ATA100 Channel x 2
- USB1.1 x 3, COM x 4, Parallel x 1, IrDA x 1
- DOC2000, PC/104 Interface Socket, ISA High-driver Support
- +5V Only Operation, AT Power



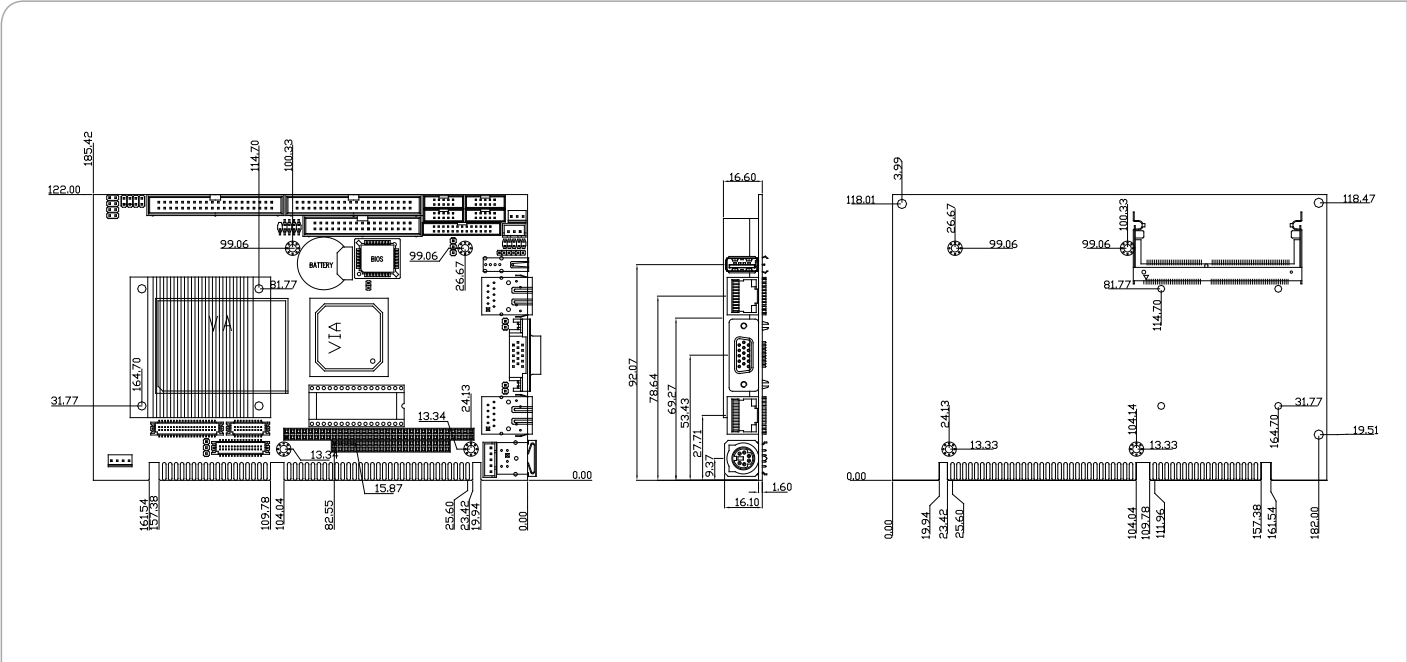
Packing List

- 1701340704
Floppy Cable
- 1701400453
ATA100 Cable
- 1709100201
USB Cable
- 1700060192
Keyboard Cable
- 1701010305
Serial + Parallel Cable
- 1703030501
ATX Cable
- 1701260307
2 Serial Cables
- 170110030A
Serial Cable
- Quick Installation Guide
- Utility CD
- HSB-668I

Ordering Information

- **TF-HSB-668I-A11-VE**
Half-Size ISA SBC, VIA Mark 533M CPU, 128 MB SDRAM, VGA, 1 10/100Base-TX Ethernet, 3 USB, LVDS, DOC2000, Rev. A1.1
- **TF-HSB-668I-A11-VG**
Half-Size ISA SBC, VIA Mark 533M CPU, 128 MB SDRAM, VGA, 1 Gigabit Ethernet, 3 USB, DOC2000, Rev. A1.1
- **TF-HSB-668I-A11-E2**
Half-Size ISA SBC, VIA Mark 533M CPU, 128 MB SDRAM, VGA, 2 10/100Base-TX Ethernet, 3 USB, LVDS, DOC3200, Rev. A1.1
- **TF-HSB-668I-A11-EG**
Half-Size ISA SBC, VIA Mark 533M CPU, 128 MB SDRAM, VGA, 1 10/100Base-TX Ethernet, 1 Gigabit Ethernet, 3 USB, LVDS, DOC2000, Rev. A1.1
- **TF-HSB-668I-A11-V**
Half-Size ISA SBC, VIA Mark 533M CPU, 128 MB SDRAM, VGA, 3 USB, LVDS, DOC2000, Rev. A1.1

Dimension Unit: mm



Passive Backplane Options

P/N	Description	Master Interface	Slots (PCI/ ISA/ PICMG)	Power ATX Extend Function
TF-BP-204SI	Wallmount, ISA 4-slot Backplane, 4 ISA, Single Segment, AT	ISA	(0/4/0)	AT
TF-BP-206SI	Wallmount, ISA 6-slot Backplane, 6 ISA, Single Segment, AT/ATX	ISA	(0/6/0)	AT/ATX
TF-BP-214SI-V61	Wallmount, ISA 14-slot Backplane, 14 ISA, Single Segment, AT	ISA	(0/14/0)	AT

Optional Accessories

- TF-PER-U00A
AC97 Audio Daughter Board