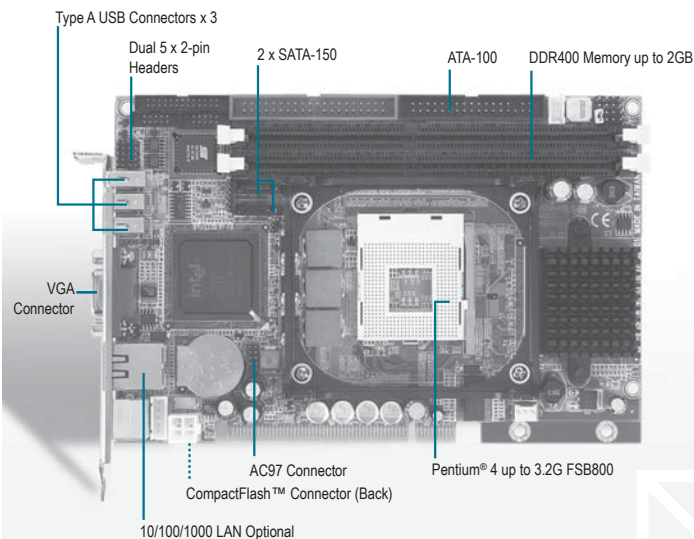


HSB-835P

Intel® Pentium® 4 3.2GHz PICMG_PCI, Half-size SBC, SATA Supports



Specifications

System	
Form Factor	PCI, Half-size SBC
Processor	Supports Intel® Pentium® 4 and Celeron® processors up to 3.2 GHz (400/533/800 MHz FSB)
System Memory	2 x 184-pin 2.5V DDR DIMM Socket, total up to 2 GB Supports Dual Channels DDR memory (DDR266/333/400)
Chipset	Intel® 865GV + Intel® 82801EB/ER (ICH5/ICH5R)
Ethernet	10/100Mb or 10/100/1000Mb LAN optional, RJ-45 x 1, Intel® 82562EZ/ 82547GI controller
BIOS	Award Plug & Play Firmware Hub BIOS-4Mb ROM
IDE Interface	ATA-100 x 1 channel (Supports two ATAPI devices); SATA-150 x 2 (Supports two SATA devices, Raid function optional)
SSD	Supports CompactFlash™ Type II Connector
Expansion Interface	PICMG/ PCI, interface
Watchdog Timer	1~255 sec. can be set with software on Super I/O
RTC	Internal RTC
Battery	Lithium battery
Power Requirement	ATX, ATX12V
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	0.71 lb (0.3 kg)
MTBF (Hours)	94,219
Power Consumption (Typical)	65W, with Pentium® 4 3.2GHz/ FSB 533MHz/ 1MB L2 Cache
Display	
VGA Chipset	Integrated on Intel® 865GV, AGP 8X, Core frequency up to 266MHz
Memory	Share system memory up to 8M
Resolutions	CRT: 1600x1200@32bpp colors LCD: 1280x1024@24-bit colors
I/O	
I/O Chipset	I/O chipset + Winbond 83627HG
IR Interface	Supports IrDA header x 1
Audio (Daughter Board)	Realtek ALC655 AC97 Codec, MIC-in/Line-in (Optional) /Line-out/CD-in
Floppy Drive Interface	One Standard Floppy Disk Drive port, supports up to two floppy devices
Serial Port	Two COM ports: (Internal Pin Header, External D-sub x 2) COM 1: RS-232 COM 2: RS-232/422/485
Parallel Port	Supports SPP/ EPP/ ECP modes
Keyboard and Mouse	Mini-DIN for PS/2 keyboard and mouse connector x 1, Internal keyboard pin header x 1
Universal Serial Bus	Dual 5 x 2-pin headers for internal, supports 7 USB 2.0 ports

Features

- Supports Intel® Pentium® 4 CPU up to 3.2GHz
- Supports DDR400 Memory up to 2GB
- Integrates AGP 8X 2D/3D Graphics Accelerator, VGA Support
- Integrates AC97 Codec Audio (Daughter Board Optional)
- Supports 10/100/1000 Base-TX Ethernet Port x 1 (10/100& GbE Optional)
- Supports Ultra ATA100 & SATA & CompactFlash™ Type-I Storage
- Supports 7 USB 2.0 Ports
- Supports RS-232 x 1, RS-232/422/485 Port x 1
- Supports Parallel Port x 1
- Supports 1 IrDA Port Watchdog Function 1~255 Sec.



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 ATA-100
- 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
- 1709070780**
SATA Cable, 7P Pitch 1.27mm, 78cm
- Quick Installation Guide**
- Utility CD**
- HSB-835P**

Ordering Information

- TF-HSB-835P-A10-V**
Half-size PICMG/PCI, Pentium® 4, VGA, 7 USB, CF, AC97, SATA, ATX, Rev.A1.0
- TF-HSB-835P-A10-VE**
Half-size PICMG/PCI, Pentium® 4, VGA, 1 LAN, 7 USB, CF, AC97, SATA, ATX, Rev.A1.0
- TF-HSB-835P-A10-VG**
Half-size PICMG/PCI, Pentium® 4, VGA, 1 GbE LAN, 7 USB, CF, AC97, SATA, ATX, Rev.A1.0
- TF-HSB-835P-A10-VF**
Half-size PCI CPU Card, Pentium® 4, VGA, 7 USB, w/o CF, AC97, SATA, ATX, Rev.A1.0
- TF-HSB-835P-A10-VEF**
Half-size PCI CPU Card, Pentium® 4, VGA, 1 LAN, 7 USB, w/o CF, AC97, SATA, ATX, Rev.A1.0
- TF-HSB-835P-A10-VGF**
Half-size PCI CPU Card, Pentium® 4, 1 GbE LAN, 7 USB, w/o CF, AC97, SATA, ATX, Rev.A1.0

