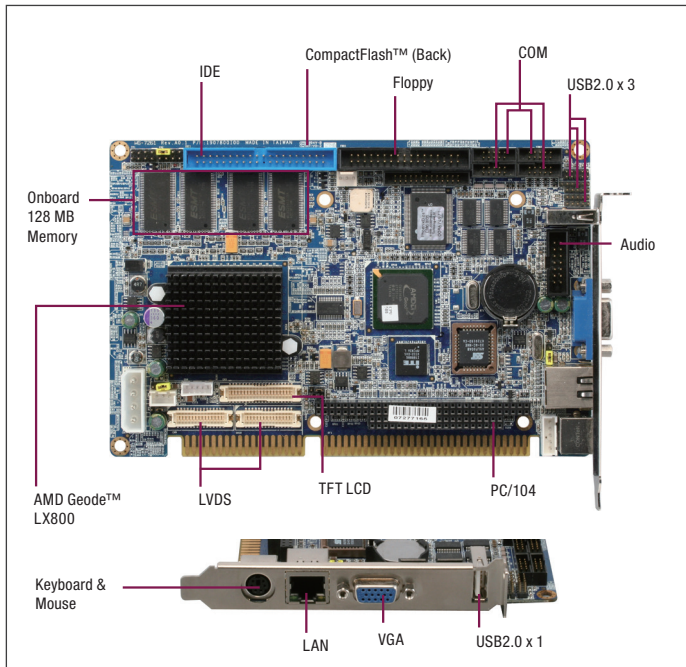


HSB-800I-A11

ISA Half-Size SBC with AMD Geode™ LX800 Processor

Half-Size SBCs - ISA



Features

- AMD Geode™ LX800 Processor
- AMD Geode™ LX800 + CS5536
- Onboard DDR 400 MHz, Up to 128 MB
- 10/100Base-TX Ethernet x 1 or Gigabit Ethernet x 1 (Optional)
- Integrated 2D Graphics Accelerator, VGA Support, CRT, TFT/ LVDS Support
- AC97 Codec Audio
- Ultra ATA33 x 1, CompactFlash™ Type 2 x 1
- USB2.0 x 4, COM x 4, Parallel x 1, IrDA x 1, Digital I/O
- PC/104 Expansion
- +5V, +12V Operation, AT Power



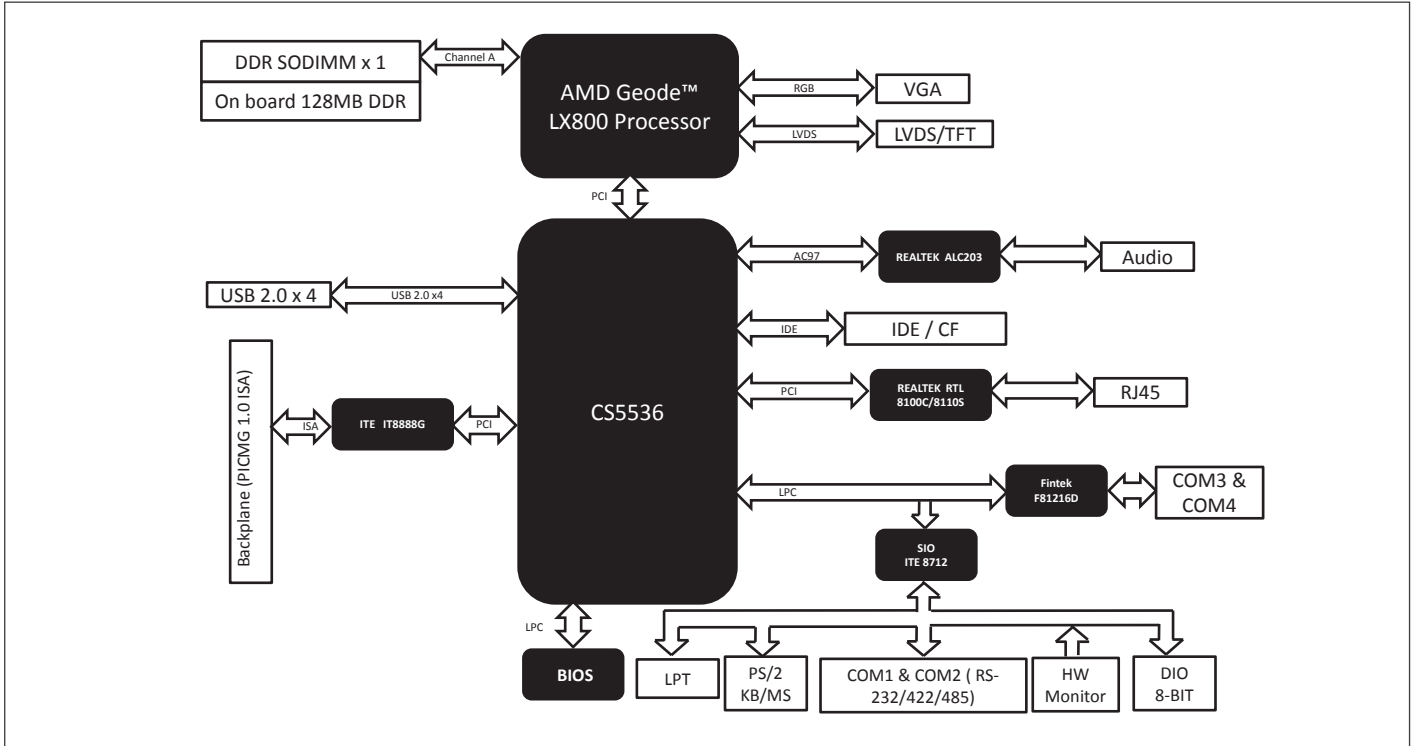
Specifications

| System | |
|-----------------------------|---|
| Form Factor | Half-size CPU Card |
| Bus Interface | ISA |
| CPU | Onboard AMD Geode™ LX800 |
| Memory Type | Onboard 128 MB (DDR 400) |
| Chipset | AMD Geode™ LX800 + CS 5536 |
| BIOS | Award |
| Wake on LAN | No |
| Watchdog Timer | 255 Levels |
| Power Requirement | ATX 2.1 |
| Power Consumption (Typical) | AMD LX800, DDR400 128MB 0.19A@+12V, 1.51A@+5V, 9.83W |
| Power Supply Type | +5V, +12V operation |
| Dimension (L x W) | 7.3" x 4.8" (185mm x 122mm) |
| Operating Temperature | 32°F ~ 140°F (0°C ~ 60°C) |
| Storage Temperature | -40°F ~ 176°F (-40°C ~ 80°C) |
| Operating Humidity | 0% ~ 90% relative humidity, non-condensing |
| MTBF (Hours) | 85,000 |
| Certification | CE/FCC, Class A |
| Display | |
| VGA/LCD Controller | AMD Geode™ LX800 |
| Video Output | 1600 x 1200@32bpp at 100 MHz for CRT 1600 x 1200@24bpp for LCD |
| Backlight inverter supply | 5V/12V |
| I/O | |
| Ethernet | 10/100 or 10/100/1000Base-TX (optional) |
| Audio | Yes |
| USB Port | USB2.0 x 4 |
| Serial Port | RS-232 x 3 RS-232/422/485 x 1 |
| Parallel Port | 1 |
| HDD Interface | IDE x 1 |
| FDD Interface | 1 |
| SSD | CompactFlash™ |
| Expansion Slot | ISA, PC/104 |
| DIO | 8-bit Programmable (4-in/4-out) |
| TPM | — |

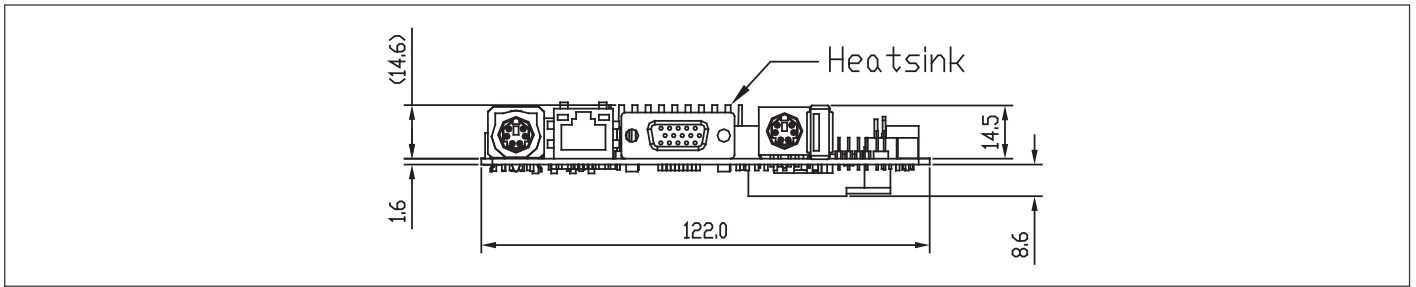
Packing List

- **1701260307**
Flat Cable.9P/DB9P MALE&25P DB25P FEMALE.10P 2mm&26P 2mm/IDC NO FOLD.30cm.W/BKT
- **1701400453**
Cable.40P 2.54mm IDC W/Nose W/Fold.40P 2.54mm IDC W/Nose W/Fold.45cm.Blue ATA-100
- **1700060192**
Cable.6P-6P.6P.19cm.IVORY PS2/KB&Mouse
- **1701340704**
Flat Cable.34P.70cm.GRAY for FDD
- **1703030501**
Wire.3P 2.5mm Housing.3P 2.5mm Housing.50cm
- **170910020A**
Usb Cable.USB*2.5P 2.mm Housing*2.20cm.W/Bracket
- **1709140302**
Cable.Phone Jack*3.10 14P 2.54mm Housing.DB9P(M) 10P 2.0mm IDC.4P 2.54mm Housing.30cm.W/Bracket
- **1701200301**
Flat Cable.9P DB9P MALE.10P 2.0mm Pitch*2.30cm.IDC NO FOLD.W/BRACKET
- **2087800I11**
CD-ROM.HSB-800I.Rev.A.2nd Ed.
- **HSB-800I-A11**

Block Diagram



Dimension Unit: mm



Ordering Information

| Part Number | CPU | RAM | Fan/Fanless | Display | Storage | LVDS | LAN | USB | RS-232 | RS-232/422/485 | Expansion Slot | Power | Temp. |
|----------------------|------------------|------------------------|-------------|----------------|-----------------------------|----------|---------------------|------------|--------|----------------|----------------|---------------|------------|
| HSB-800I-A11-VG-0001 | AMD Geode™ LX800 | Onboard 128 MB DDR 400 | Fanless | VGA + LVDS/TTL | IDE x 1, Floppy x 1, CF x 1 | 24b, 1CH | GbE x 1 | USB2.0 x 4 | 3 | 1 | ISA, PC/104 | +5V, +12V, AT | 0°C ~ 60°C |
| HSB-800I-A11-VE-0001 | AMD Geode™ LX800 | Onboard 128 MB DDR 400 | Fanless | VGA + LVDS/TTL | IDE x 1, Floppy x 1, CF x 1 | 24b, 1CH | 10/100 Mbps LAN x 1 | USB2.0 x 4 | 3 | 1 | ISA, PC/104 | +5V, +12V, AT | 0°C ~ 60°C |