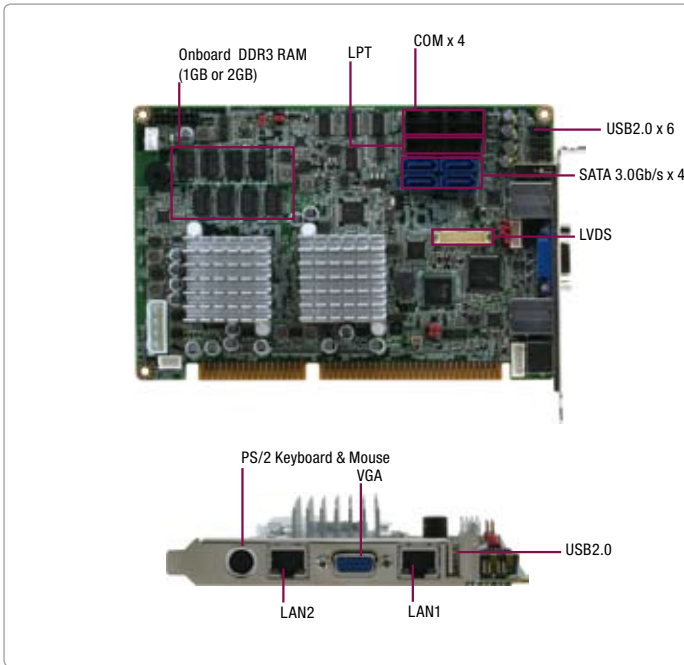


HSB-A550i

ISA Half-Size SBC with Onboard AMD® G-Series® T16R Processor

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Half-Size SBCs - ISA



Features

- Onboard AMD® G-Series T16R Processor
- AMD® A55E + ITE8888 Chipset
- Onboard 1066 MHz DDR3 SDRAM (Max. 2GB)
- Gigabit Ethernet x 2, VGA x 1, LVDS x 1
- Integrated AMD Radeon HD 6250(T16R) graphics engine
- HD Audio Codec with Realtek ALC888
- SATA 6.0Gb/s x 4 onboard, CompactFlash™ SATA Type II x 1
- USB2.0 x 7, COM x 4 (COM1: RS-232/422/485, COM2~4: RS-232)
- MIC-in/Line-in/Line-out (Optional Audio Daughter Board)
- Parallel x 1, COM x 2 (COM1: RS-232/422/485; COM2~4: RS-232)
- Up To 24-bit Dual-channel LVDS
- ISA Expansion, +5V, +12V Operation, AT Power



Specifications

System	
Form Factor	ISA Half-Size SBC
Processor	AMD® G-Series T16R Processor
System Memory	Onboard 1066 MHz DDR3 SDRAM (Max. 2GB)
Chipset	AMD® A55E
Ethernet	Realtek® 8111E for 10/100/1000Base-TX, RJ-45 x 2
Audio	HD Audio Codec with Realtek ALC888
BIOS	AMI Plug & Play BIOS - 4MB ROM
Storage	SATA 6.0Gb/s x 4
DSS	CompactFlash™ SATA Type II x 1
Watchdog Timer	Programmable 1~255 steps System reset
H/W Status Monitoring	Monitoring system temperature, voltage, and cooling fan status
Expansion Interface	ISA
Power Requirement	+5V, +12V by ISA bus, onboard 4-pin power connector
Dimension (W x H x D)	7.3" x 4.8" (185 mm x 122 mm)
Gross Weight	0.71 lb (0.3kg)
Operation Temperature	32 °F ~ 140 °F (0 °C ~ 60 °C)
Storage Temperature	-4 °F ~ 158 °F (-20 °C ~ 70 °C)
Operation Humidity	10% ~ 80%, non-condensing
MTBF (Hours)	—
Display	
Graphic Engine	Integrated AMD Radeon HD 6250(T16R) graphics engine
Output Interface	VGA x 1, LVDS x 1 support up to 24-bit Dual-channel
Resolution	Up to 1600 x 1200 @ 60 Hz for CRT, Up to 1366 x 768 @ 60 Hz for LCD
I/O	
Storage	CF-SATA Type II (Master) x 1
Serial port	RS232 x 3, RS232/422/485 x 1
PS/2 Port	Mini-Din PS/2 K/B and Mouse x 1
USB	USB2.0 x 7 (Type A x 1, 5x2-pin header x 6)
Audio	MIC-in/Line-in/Line-out (optional audio daughter board)
Ethernet	RJ-45 x 2
Display	VGA x 1

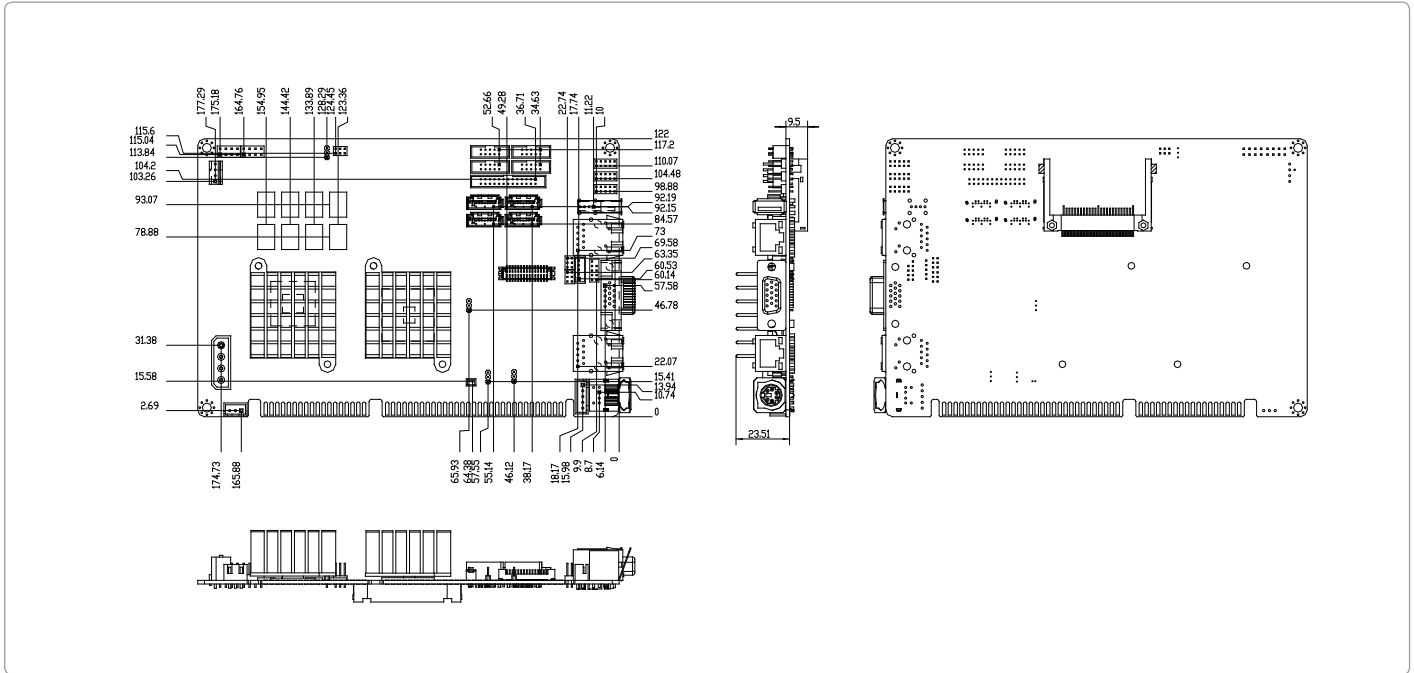
Packing List

- 9681666600
Cable Kit for HSB Series
- 1709070800
SATA Cable
- Product CD
- HSB-A550i

HSB-A550i

Dimension

Unit: mm



Passive Backplane Options

P/N	Description	Master Interface	Slots (PCI/ ISA/ PICMG_PCI)	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	Rackmount, ISA, 14-slot Backplane, 14 ISA, Single Segment, AT	ISA	(0/14/0)	AT

Ordering Information

Part Number	CPU	RAM	Fan/Fanless	Display	Storage	LVDS	LAN	USB	RS-232	RS-232/422/485	Expansion Slot	Power	Temp.
HSB-A550i-A10-G2	AMD T16R	1G onboard	Fanless	VGA + LVDS	SATA3 x 4, IDE x 1, CF x 1	24-bit Dual Channel	GbE x 2	USB2.0 x 5	3	1	ISA	+5V, +12V, AT	0°C ~ 60°C

Optional Accessories

- **TF-PER-U01H**
HD Codec Audio Daughter Board