

# SBC



## **BH-1105**

**ISA Half size CPU Card  
AMD G-series VGA/Audio/  
LAN/2COM/PC104/FDD**

### *Features :*

- Supports AMD G-series Processor
- Memory supports DDR3 SO-DIMM 800MHz up to 4GB
- Supports Single Gigabit Ethernet
- Supports USB 2.0
- Support two SATA ports



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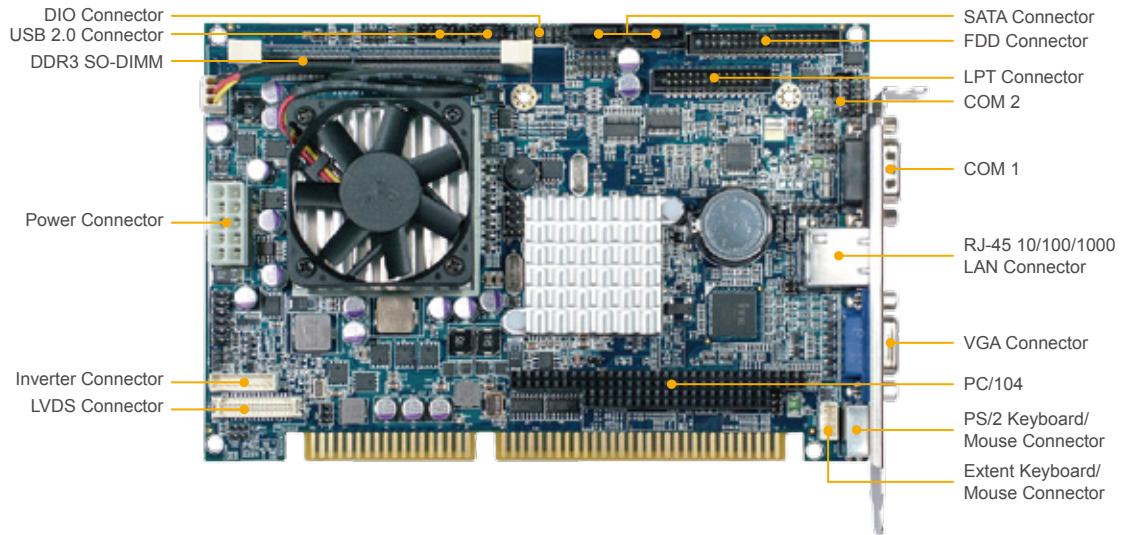


**ISO CERTIFIED**

**9001 | 14001**

# BH-1105

## ISA Half size CPU Card AMD G-series VGA/Audio/LAN/ 2COM/PC104/FDD



### Specifications

| System                   |   |
|--------------------------|---|
| <b>CPU Support</b>       | AMD G-series processor                    |
| <b>CPU Frequency</b>     | 615MHz(T16R) / 1.5GHz (T52R)              |
| <b>Chipset</b>           | AMD A55E                                  |
| <b>DRAM</b>              | 1 x 204-Pin DDR3 SO-DIMM 800MHz up to 4GB |
| <b>BIOS</b>              | AMI                                       |
| <b>Watchdog</b>          | 1~255 secs Watchdog timer selectable      |
| <b>Power Supply</b>      | Support AT/ATX Power                      |
| <b>Power Requirement</b> | +5V, +12V                                 |
| <b>Power Consumption</b> | TBD                                       |
| <b>Dimension</b>         | 185 mm × 122 mm (7.28" × 4.8")            |
| <b>Certificate</b>       | FCC / CE                                  |

### I/O Chipset

|                       |  |
|-----------------------|--|
| <b>SATA Interface</b> | 2 x SATAII connector                                     |
| <b>Expansion BUS</b>  | 1 x CFast, 1 x PC104                                     |
| <b>FDD Interface</b>  | 1 x FDD connector with 34-pin box-header on board        |
| <b>Serial Port</b>    | 2 x COM port; COM 1 for RS-232, COM 2 for RS-232/422/485 |
| <b>Parallel Port</b>  | 1 port, Bi-direction, SPP / EPP / ECP                    |
| <b>IrDA</b>           | One IrDA Port  |
| <b>Keyboard</b>       | PS/2 connector, with mini DIN connector                  |

|              |  |
|--------------|--|
| <b>Mouse</b> | PS/2 connector, with mini DIN connector  |
| <b>LAN</b>   | Single Ports : Realtek Giga LAN RTL8111F |
| <b>Audio</b> | HD Audio, Realtek ALC888S                |
| <b>DIO</b>   | 4 in / 4out                              |
| <b>USB</b>   | 2 x USB 2.0                              |

### Display

|                 |  |
|-----------------|--|
| <b>Graphics</b> | Build-in AMD G-series processor, share system memory;<br>Supports VGA, LVDS (18bit, 24bit) |
|-----------------|--|

### Environment

|                        |   |
|------------------------|---|
| <b>Operation Temp.</b> | 0° ~ 60° C ( 32° ~ 140° F )                               |
| <b>Storage Temp.</b>   | - 40° ~ 85° C ( - 40° ~ 185° F )                          |
| <b>Humidity</b>        | Operation humidity 20 ~ 90%,<br>storage humidity 20 ~ 95% |

### Ordering Information

|                      |   |
|----------------------|---|
| <b>BH-1105RA-00P</b> | ISA Half size CPU Card AMD 1.5GHz w VGA/<br>Sound/G-LAN/<br>2COM/PC104/ FDD |
| <b>BH-1105RA-01P</b> | ISA Half size CPU Card AMD 615MHz w VGA/<br>Sound/G-LAN/<br>2COM/PC104/ FDD |

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