

# Industrial Single Board Computer

## Half-size ISA CPU Card

### HS-870SCM6

Onboard Intel Celeron M 600Mhz,  
DDR266 Memory, Onboard VGA,Gigabit LAN,  
Compact Flash, LVDS, USB2.0, AC97 Audio



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|--------------------------|--|
| <b>Form Factor</b>       | Half-size ISA bus CPU Card   |
| <b>CPU</b>               | Onboard Intel Celeron M 600MHz with none L2 Cache  |
| <b>Memory</b>            | 1 x DDR200/266 SDRAM up to 1GB   |
| <b>Chipset</b>           | Intel 82852GME and ICH4  |
| <b>Real Time Clock</b>   | Chipset integrated RTC with onboard lithium battery  |
| <b>Watchdog Timer</b>    | Generates a system reset with internal timer for 1min ~ 255min   |
| <b>Power Management</b>  | ACPI 1.0 compliant, supports power saving mode with ATX PSU  |
| <b>PCI Enhanced IDE</b>  | Dual UltraATA/100 IDE channels up to 4 ATAPI devices<br>Onboard 40-pin IDE1 connector & 44-pin IDE2 connector  |
| <b>VGA Interface</b>     | Intel 852GME integrated Extreme Graphic 2 Technology   |
| <b>Video Memory</b>      | Up to 64MB shared with system memory   |
| <b>LVDS Interface</b>    | 24-bit dual channel LVDS interface up to 1400 x 1050 of resolution   |
| <b>Audio Interface</b>   | Intel ICH4 integrated with Realtek ALC201A AC97 Codec  |
| <b>LAN Interface</b>     | Intel 82540EM Gigabit Ethernet Controller  |
| <b>Solid State Disk</b>  | 1 x Compact Flash Socket<br>IDE1 supports DiskOnModule with +5V power supply   |
| <b>GPIO interface</b>    | Onboard programmable 8-bit Digital I/O interface   |
| <b>Internal I/O Port</b> | 1 x internal parallel and IrDA ports and 1 x 5-pin LCD inverter connector<br>2 x USB 2.0 ports, 1 x FDD port and 1 x RS232 serial port<br>1 x onboard 5-pin AT keyboard port |
| <b>External I/O Port</b> | 1 x RJ45 LAN ports, 1 x DB15 VGA port and 1 x PS/2 Keyboard/Mouse Port<br>1 x RS232 Serial Port  |
| <b>Power Requirement</b> | +5V, +12V DC input   |
| <b>Dimension</b>         | 185 x 127 mm (L x W)   |
| <b>Temperature</b>       | Operating within 0~60 centigrade<br>Storage within -20~85 centigrade   |

#### Ordering Code

**HS-870SCM6** Half-size **ISA Bus** CPU Card with onboard Intel Celeron M 600MHz, VGA, Gigabit LAN, USB 2.0 , Audio, LVDS, RS232 serial port, Compact Flash Socket

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