

Industrial Single Board Computer

Half-size PISA CPU Card

HS-870P

Half-size Pentium M CPU Card

Intel Pentium M socket479 with DDR333

Onboard VGA, Gigabit LAN, Compact Flash

LVDS, USB2.0



Form Factor	Half-size PISA bus CPU Card
CPU	Intel Socket479/BGA479 for Pentium M / Celeron M processor
Memory	1 x DDR266/333 SDRAM up to 1GB
Chipset	Intel 82855GME and ICH4
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min ~ 255min
Power Management	ACPI 1.0 compliant, supports power saving mode with ATX PSU
PCI Enhanced IDE	Dual UltraATA/100 IDE channels up to 4 ATAPI devices Onboard 40-pin IDE1 connector & 44-pin IDE2 connector
VGA Interface	Intel 855GME integrated Extreme Graphic 2 Technology
Video Memory	Up to 64MB shared with system memory
LCD interface	24-bit dual channel LVDS interface up to 1600 x 1200 of resolution
Audio Interface	Intel ICH4 integrated with Realtek ALC201A AC97 Codec
LAN Interface	Intel 82540EM Gigabit Ethernet Controller
Solid State Disk	1 x Compact Flash Socket IDE1 supports DiskOnModule with +5V power supply
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Internal I/O Port	1 x internal parallel and IrDA ports and 1 x 5-pin LCD inverter connector 2 x USB 2.0 ports, 1 x FDD port and 1 x RS232 serial port 1 x onboard 5-pin AT keyboard port
External I/O Port	1 x RJ45 LAN ports, 1 x DB15 VGA port and 1 x PS/2 Keyboard/Mouse Port 1 x RS232 Serial Port
Power Requirement	+5V, +12V DC input
Board Dimension	185 x 127 mm (L x W)
Operation Temperature	0 ~ 60 °C (32 ~ 140 °F)
Ordering Code	HS-870P Intel Pentium M Half-size PISA Bus CPU Card with onboard VGA, Gigabit LAN, USB 2.0 Ports, Audio, LVDS, RS232 serial port, Compact Flash Socket

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