

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

Online product information detail and updates are available at www.commell.com.tw

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