

# Industrial Single Board Computer



## Half-size PCI CPU Card

### HS-770E

Intel Pentium M/Celeron M

Onboard VGA, Dual Gigabit LAN

SATA, USB2.0, Mini-PCI

DVI, LVDS

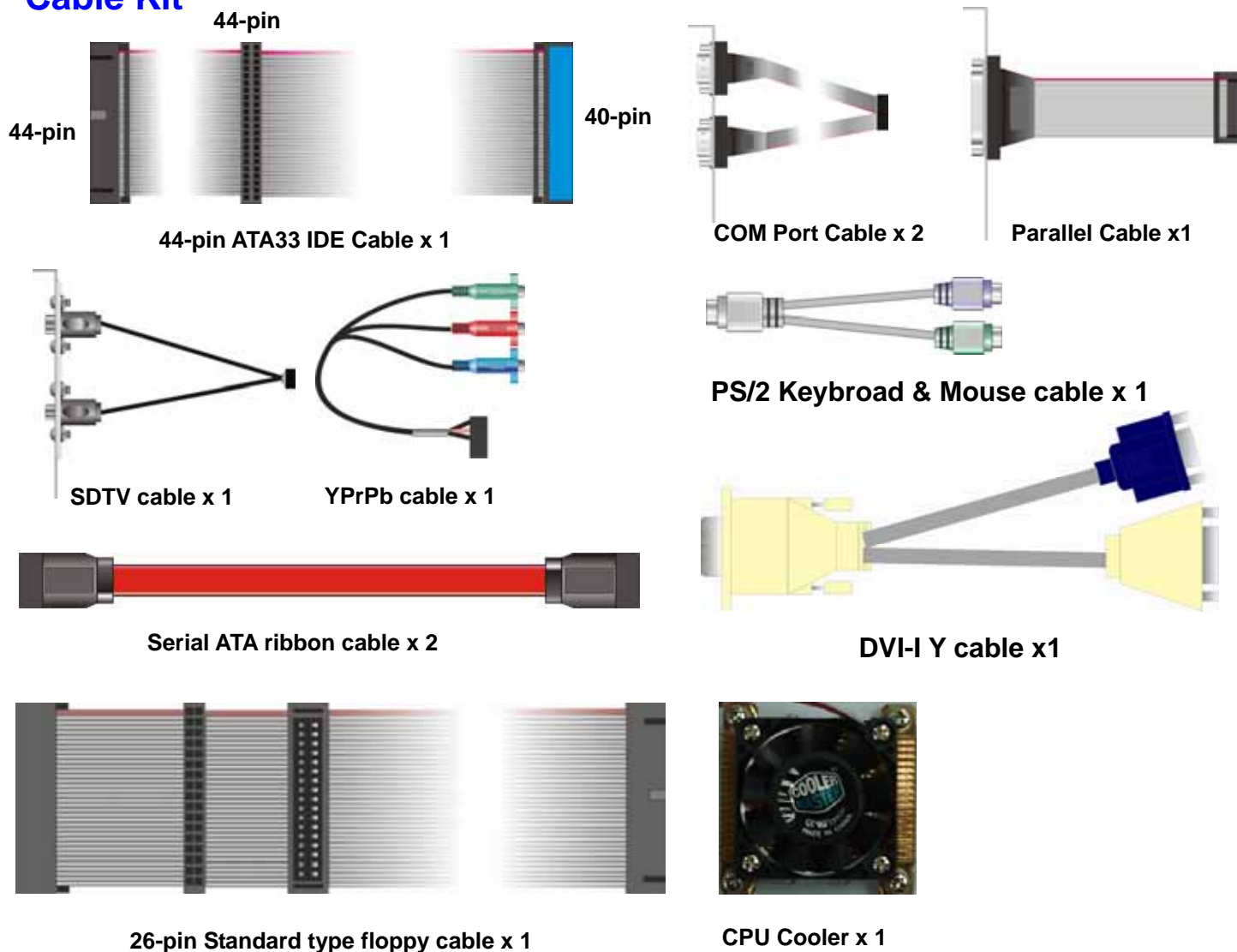
AC97 Audio



<b>Form Factor</b>	Half-size PCI Bus CPU Card
<b>CPU</b>	Intel Pentium M/Celeron M processor Package type: FC-PGA478 Front side bus: 400/533MHz
<b>Memory</b>	2 x DDRII 400/533MHz SDRAM up to 2GB
<b>Chipset</b>	Intel 915GME & ICH6-M
<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/s ~ 255min/s
<b>Power Management</b>	ACPI 1.0 compliant , Support power saving mode with ATX PSU
<b>PCI Enhanced IDE</b>	One UltraATA33/66/100 IDE interface supports up to 2 ATAPI devices Onboard 44-pin IDE connector
<b>VGA Interface</b>	Intel 915GM integrated GMA (Graphic Media Accelerator) 900 Technology
<b>LVDS</b>	Chrontel CH7308A LVDS transmitter 24-bit dual channel interfaces
<b>DVI Interface</b>	Chrontel CH7307B DVI transmitter with onboard 26-pin DVI interface
<b>Video Memory</b>	Up to 128MB shared with system memory
<b>Serial ATA interface</b>	2 x Serial ATA interfaces with 150MB/s transfer rate
<b>Audio Interface</b>	Intel ICH6-M integrated with Realtek ALC201A AC97 Audio
<b>LAN Interface</b>	2 x Marvell 8053 PCIE Gigabit LAN
<b>Solid State Disk</b>	IDE supports 44-pin DiskOnModule with +5V power supply 1 x CompactFlash Card type II socket on solder side
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface
<b>Extended Interface</b>	1 x Mini-PCI socket
<b>Internal I/O Port</b>	3 x RS232 ports, 1 x RS232/422/485, 1 x FDD port, 1 x 8bit GPIO port, 1 x CDIN connector, 2 x USB ports, 1 x IrDA connector 1 x 24bit LVDS and 1 x LCD inverter connector, 2 x SATA connector 1 x 4-pin 5V/12V input connector, Speaker out/Line-in/MIC-in 1 x CRT Port , 1 x parallel port , 1 x 3-pin ATX connector 1 x onboard 5-pin AT keyboard port
<b>External I/O Port</b>	2 x RJ45 LAN ports, 1 x DVI/CRT port and 1 x PS/2 Keyboard/Mouse Port

<b>Power Requirement</b>	+5V, 5Vstandby & +12V DC input
<b>Dimension</b>	185mm x 121mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

## Cable Kit



### Ordering Code

<b>HS-770EDXG2</b>	Intel Pentium M Half-size PCI CPU Card with onboard VGA, Dual Gigabit LAN, SATA, USB 2.0 Ports, Audio, 4 x RS232 serial port, LVDS, HDTV, Mini-PCI,
<b>CBP-5P4</b>	Support 4 X PCI slot backplane

For further product information please visit the website at <http://www.commell.com.tw>

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