

Industrial Single Board Computer



Half-size PCI CPU Card

HS-770

Intel Pentium M/Celeron M
Onboard VGA, Dual Gigabit LAN
SATA, USB2.0, Mini-PCI
DVI, LVDS, HDTV
AC97 Audio



Form Factor	Half-size PCI Bus CPU Card
CPU	Intel Pentium M/Celeron M processor Package type: FC-PGA478 Front side bus: 400/533MHz
Memory	2 x DDRII 400/533MHz SDRAM up to 2GB
Chipset	Intel 915GM & ICH6-M
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min/s ~ 255min/s
Power Management	ACPI 1.0 compliant , Support power saving mode with ATX PSU
PCI Enhanced IDE	One UltraATA33/66/100 IDE interface supports up to 2 ATAPI devices Onboard 44-pin IDE connector
VGA Interface	Intel 915GM integrated GMA (Graphic Media Accelerator) 900 Technology
LVDS	Chrontel CH7308A LVDS transmitter 24-bit dual channel interfaces
TVOUT	Composite and S -Video/HDTV
DVI Interface	Chrontel CH7307B DVI transmitter with onboard 26-pin DVI interface
Video Memory	Up to 128MB shared with system memory
Serial ATA interface	2 x Serial ATA interfaces with 150MB/s transfer rate
Audio Interface	Intel ICH6-M integrated with Realtek ALC201A AC97 Audio
LAN Interface	2 x Marvell 8053 PCIE Gigabit LAN
Solid State Disk	IDE supports 44-pin DiskOnModule with +5V power supply 1 x CompactFlash Card type II socket on solder side
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x Mini-PCI socket
Internal I/O Port	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 TV-out port, 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
External I/O Port	2 x RJ45 LAN ports, 1 x DVI/CRT port and 1 x PS/2 Keyboard/Mouse Port

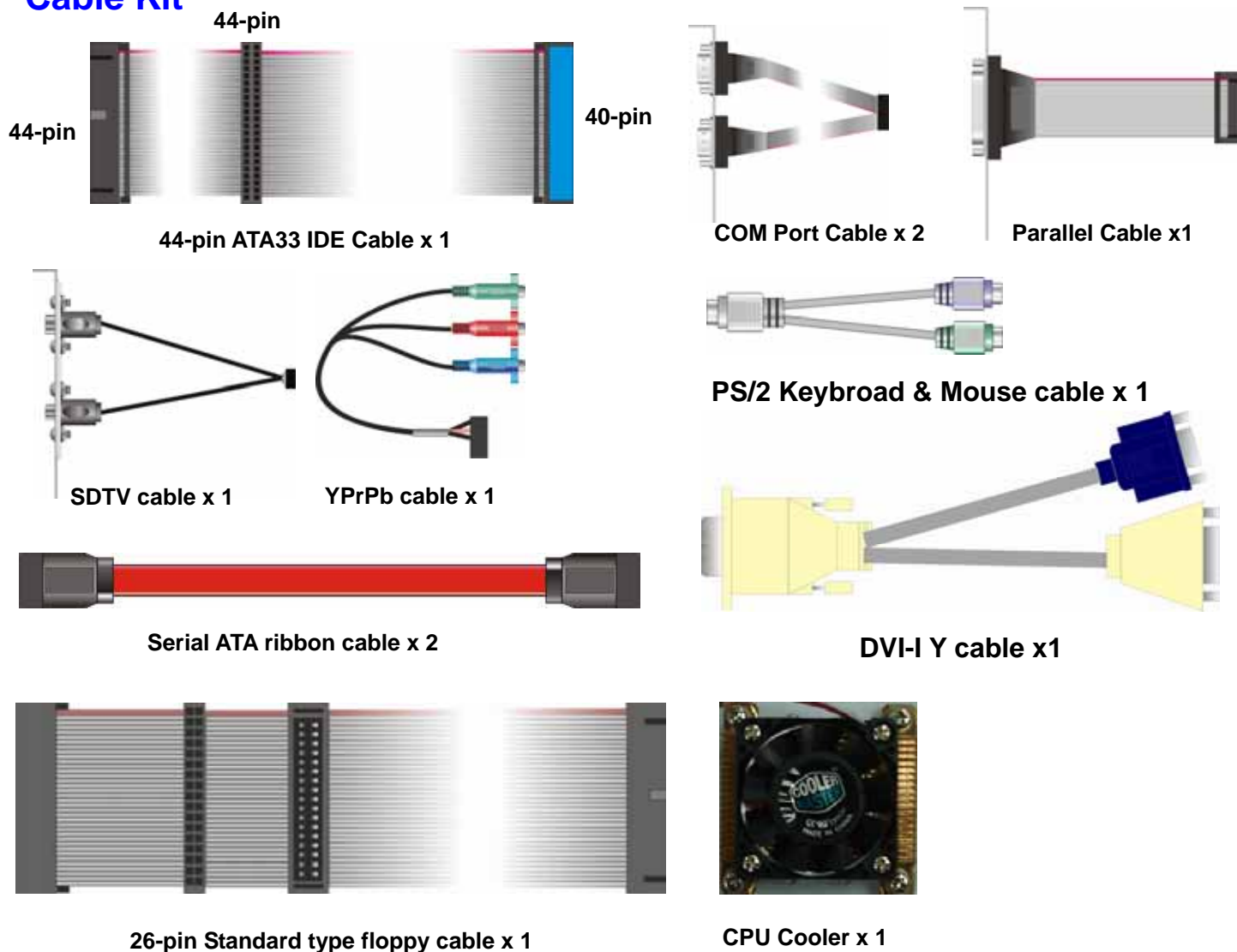
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Power Requirement	+5V, 5Vstandby & +12V DC input
Dimension	185mm x 121mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Cable Kit



Ordering Code

HS-770DXG2

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,