

# Industrial Single Board Computer

## Half size PISA CPU Card

### HS-874P

Support Intel Core 2 Quad CPU with DDRII  
SO-DIMM, Onboard VGA, Gigabit LAN, SATAII,  
HD Audio, LVDS and DVI



<b>Form Factor</b>	Half-size PISA bus CPU Card
<b>CPU</b>	Support Intel Core2 Quad/ Core 2 Duo/ Celeron processor LGA775 with 800/1066/1333MHz FSB
<b>Memory</b>	DDRII 667/800 MHz SO-DIMM up to 2GB
<b>Chipset</b>	Intel Q35 & ICH9DO
<b>VGA Interface</b>	Intel integrated extreme GMA 3100(Graphic Media Accelerator) Technology
<b>Video Memory</b>	Up to 384MB shared with system memory
<b>LVDS Interface</b>	Chrontel CH7308 LVDS transmitter with 24-bit dual channel LVDS interface (optional)
<b>DVI Interface</b>	Chrontel CH7307C DVI transmitter with onboard 26-pin DVI interface (optional)
<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, supports power saving mode
<b>Serial ATA Interface</b>	Intel ICH9DO built-in 4 x Serial ATAII interface up to 300MB/s Support RAID 0, 1, 5, 10 and Intel Matrix Storage Technology.
<b>Audio Interface</b>	Intel integrated ICH9DO with Realtek ALC888 HD Audio.
<b>LAN Interface</b>	1 x Intel 82573L Gigabit LAN.
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface.
<b>Internal I/O Port</b>	1 x RS232/422/485, 1 x GPIO, 1 x CDIN, 1 x VGA, 1 x HD Audio, 1 x IrDA, 4 x USB ports, 1 x 5-pin AT keyboard, 1 x DVI(optional), 1 x LVDS and 1 x 5-pin LCD inverter connect (optional)
<b>External I/O Port</b>	1 x DB15 VGA port, 1 x RJ45 LAN port, 1 x Serial port and 1 x PS/2 port
<b>Power Requirement</b>	+5V, +12V & 5Vsb
<b>Dimension</b>	185mm x 127mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

## Ordering Code

<b>HS-874PD</b>	Support Intel Core2 Quad/ Core 2 Duo/ processor, Onboard VGA, Gigabit LAN, 4 x USB2.0, 2 x serial Port, HD Audio, 4x SATA, 1 x IrDA , <b>DVI Interface</b>
<b>HS-874PX</b>	Support Intel Core2 Quad/ Core 2 Duo/ processor, Onboard VGA, Gigabit LAN, 4 x USB2.0, 2 x serial Port, HD Audio, 4 x SATA , 1 x IrDA , <b>18/24-bits LVDS Interface</b>
<b>OHS-1U775S</b>	1U CPU Cooler for LGA 775 with Backplane

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

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