

# Industrial Single Board Computer

## Half-size PCI Bus CPU Card

### HS-773

Support 2<sup>nd</sup> Generation Intel® Core™ i7, Core™ i5 and Core™ i3 CPU with DDRIII SO-DIMM, CRT, DVI, LVDS, Gigabit LAN, PCI Express mini card, Serial ATAI, Serial ATAIII, HD Audio



<b>Form Factor</b>	Half-size PCI Bus CPU Card
<b>CPU</b>	2 <sup>nd</sup> Generation Intel® Core™ i7, Core™ i5, Core™ i3 and Celeron® Mobile Processor Package type: rPGA988B
<b>Memory</b>	2 x DDRIII SO-DIMM 1066/1333/1600 MHz up to 16GB
<b>System Chipset</b>	Intel QM67
<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(sec) ~ 255min(sec)
<b>Power Management</b>	ACPI 3.0 compliant, supports power saving mode
<b>Integrated Graphics</b>	Intel® Core™ integrated HD Graphics Technology
<b>LVDS interface</b>	Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply
<b>Serial ATA interface</b>	2x serial ATAI interface with 300MB/s transfer rate 2 x serial ATAIII interface with 600MB/s transfer rate
<b>Audio Interface</b>	Realtek ALC888 HD Audio
<b>LAN Interface</b>	2 x Intel 82574L Gigabit Ethernet controller
<b>GPIO Interface</b>	Onboard programmable 8-bit Digital I/O interface
<b>Extended Interface</b>	2 x PCIE mini card socket, 1 x SIM socket
<b>Internal I/O Port</b>	5 x RS232, 1 x RS232/422/485, 1 x SMBUS, 1 x GPIO, 8 x USB2.0 ports, 1 x IrDA, 1 x VGA, 1 x LVDS, 2 x Serial ATAI, 2 x Serial ATAIII, 1 x Front panel Audio and 1 x CDIN
<b>External I/O Port</b>	1 x DVI-I Port, 2 x RJ45 and 1 x PS/2 Keyboard/Mouse Port
<b>Power Requirement</b>	DC 5V/12V power required, optional 5VSB for ATX Onboard 4-pin power connector & 3-pin ATX connector
<b>Dimension</b>	185mm x 122mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

### Ordering Code

<b>HS-773TXDG2</b>	Intel PGA988B+ QM67 Onboard VGA, LVDS, DVI, LAN, USB2.0, HD Audio, SATAII ,SATAIII, SMBUS, LPC, IrDA, SIM, GPIO and PCI Express mini card
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