

Industrial Single Board Computer

Half-size PCI Bus CPU Card

HS-773

Support 2nd 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



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

Ordering Code

HS-773TXDG2	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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