

Industrial Single Board Computer

Half-size PCI Bus CPU Card

HS-774

Support 3rd Generation Intel® Core™ i7, Core™ i5 and Core™ i3 CPU
with DDRIII SO-DIMM, CRT, DVI, LVDS, Gigabit LAN, USB2.0, USB3.0
PCI Express mini card, Serial ATAIL, Serial ATAIII, mSATA, HD ,Audio,



Form Factor	Half-size PCI Bus CPU Card
CPU	3 rd Generation Intel® Core™ i7, Core™ i5, Core™ i3 Mobile Processor Package type: rPGA988B
Memory	2 x DDRIII SO-DIMM 1066/1333/1600 MHz up to 16GB
System Chipset	Intel QM77
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® HD Graphics 4000 Technology
DVI-I interface	Onboard DVI connector for DVI-I interface
LVDS interface	Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply
Serial ATA interface	2 x serial ATAIL interface with 300MB/s transfer rate 2 x serial ATAIII interface with 600MB/s transfer rate
Audio Interface	Realtek ALC888 HD Audio
LAN Interface	1 x Intel 82579LM Gigabit LAN (Support iAMT8.0) 1 x Intel 82574L Gigabit LAN
GPIO Interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	2 x PCIE mini card socket, 1 x SIM socket (Optional support mSATA(SATAII) for Mini_Card1)
Internal I/O Port	5 x RS232, 1 x RS232/422/485, 1 x SMBUS, 1 x GPIO, 4 x USB3.0 ports, 2 x USB2.0 ports, 1 x IrDA, 1 x VGA, 1 x LVDS, 2 x Serial ATAIL, 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

Ordering Code

HS-774TXDG2	Intel PGA988B+ QM77 Onboard VGA, LVDS, DVI, LAN, USB2.0, USB3.0, HD Audio, SATAII ,SATAIII, SMBUS, LPC, IrDA, SIM, GPIO and PCI Express mini card
HS-774TXDG2S	Intel PGA988B+ QM77 Onboard VGA, LVDS, DVI, LAN, USB2.0, USB3.0, HD Audio, SATAII ,SATAIII, SMBUS, LPC, IrDA, SIM, GPIO ,PCI Express mini card and mSATA

Taiwan Commate Computer Inc.

19F, NO. 94, Sec. 1, Shin Tai Wu Rd., Hsi Chih, Taipei Shien, Taiwan.

TEL: +886-2-26963909

Website:www.commell.com.tw

FAX: +886-2-26963911

E-mail:info@commell.com.tw