

Industrial Single Board Computer

5.25" Embedded Miniboard

LS-574

Support 2nd Generation Intel® Core™ i7/i5/i3 CPU
with DDRIII SO-DIMM, CRT, DVI, LVDS, Gigabit LAN,
PCI Express mini card, SATAI/III, Audio, COM, LPT



Form Factor	5.25-inch Embedded Miniboard
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
Chipset	Intel QM67 Express chipset
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	Supports ACPI 3.0 compliant
Serial ATA Interface	4 x serial ATAI interface with 300MB/s transfer rate 2 x serial ATAIII interface with 600MB/s transfer rate
Integrated Graphics	Intel® Core™ integrated HD Graphics Technology
VGA Interface	Onboard DSUB15 connector for VGA interface
LVDS Interface	Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply
DVI interface	Chrontel CH7318 Transmitter with 26-pin DVI connector
Audio Interface	Realtek ALC888 HD Audio
LAN Interface	6 x Intel 82574L Gigabit LAN
GPIO Interface	Onboard programmable 8-bit Digital I/O interface
Expansion Interfaces	2 x PCIE mini card socket, 1 x SIM socket
Internal I/O Ports	1 x PS/2, 4 x RS232, 1 x RS232/422/485, 1 x Parallel, 1 x SMBUS, 1 x GPIO, 6 x USB2.0 ports, 1 x IrDA, 1 x DVI , 1 x LVDS, 4 x Serial ATAI, 2 x Serial ATAIII, 1 x Front panel Audio and 1 x CDIN
External I/O Ports	6 x LAN ports, 1 x VGA port, 2 x USB2.0 ports, 1 x RS232, , 1 x DC connector
Power Requirements	Standard 20-pin ATX power supply or 9~24V full range DC Input
Dimension	203 mm x 146 mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade
Ordering Code	
LS-574TXD	Intel PGA988B+ QM67 Onboard VGA, LVDS, DVI, LAN, USB2.0, HD Audio, SATAI ,SATAII, SMBUS, LPC, SIM, GPIO and PCI Express mini card.

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