

5.25" Embedded Miniboard

LS-576

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, SATAII, SATAIII, mSATA, Audio, COM, LPT



Form Factor	5.25-inch Embedded Miniboard
CPU	3 rd 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 Support Non-ECC, unbuffered memory only
Chipset	Intel QM77 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 ATAII interface with 300MB/s transfer rate 2 x serial ATAIII interface with 600MB/s transfer rate Support RAID 0, 1, 5, 10 and Intel Rapid Storage Technology
Integrated Graphics	Intel® HD Graphics 4000/2500 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	Onboard DVI with 20-pin connector
Audio Interface	Realtek ALC888 HD Audio
LAN Interface	1 x Intel 82579LM Gigabit LAN (Support iAMT8.0) 5 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, but SATA6 will be disable)
Internal I/O Port	1 x PS/2, 4 x RS232, 1 x RS232/422/485, 1 x Parallel, 1 x SMBUS, 1 x GPIO, 4 x USB2.0 ports, 2 x USB3.0 ports, 1 x IrDA, 1 x DVI, 1 x LVDS, 4 x Serial ATAII, 2 x Serial ATAIII, 1 x Front panel Audio and 1 x CDIN
External I/O Port	6 x LAN ports, 1 x VGA port, 2 x USB3.0 ports, 1 x RS232, , 1 x DC connector
Power Requirement	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-576TXD Intel PGA988B+ QM77 Onboard VGA, LVDS, DVI, LAN, USB2.0, USB3.0, HD Audio, SATAII ,SATAIII, SMBUS, LPC, SIM, GPIO and PCI Express mini card.

LS-576TXDS Intel PGA988B+ QM77 Onboard VGA, LVDS, DVI, LAN, USB2.0, USB3.0, HD Audio, SATAII ,SATAIII, SMBUS, LPC, SIM, GPIO, PCI Express mini card and mSATA.

HS Italia
Tel. 0536 830620
Fax. 0536 831215
www.hs-italia.it
info@hs-italia.it

