

3.5 inch Miniboard

LS-378

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 ATAPI, HD Audio



Form Factor	3.5 inch Miniboard
CPU	2 nd Generation Intel® Core™ i7, Core™ i5, Core™ i3 and Celeron® Mobile Processor Package type: rPGA988B
Memory	DDRIII SO-DIMM 1066/1333/1600 MHz up to 8GB Non-ECC, unbuffered memory supported only
Chipset	Intel QM67
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 2.0 compliant
Serial ATA Interface	2 x serial ATAPI interface with 600MB/s transfer rate
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	1 x Intel 82579LM Gigabit LAN
GPIO Interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	2 x Mini PCIE socket, 1 x SIM socket
Internal I/O Port	1 x RS232/422/485, 1 x SMBUS, 1 x GPIO, 4 x USB ports, 1 x IrDA, 1 x DVI , 1 x LVDS, 1 x LCD inverter, 2 x Serial ATAPI, 1 x Front panel Audio and 1 x CDIN
External I/O Port	1 x PS/2, 1 x LAN ports, 1 x VGA port, 2 x USB2.0 ports and 1 x RS232 port
Power Requirement	9~24V full range DC Input
Dimension	146mm x 101mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade
Ordering Code	
LS-378DXT	Intel PGA988B+ QM67 Onboard VGA, DVI, LVDS, LAN, USB2.0, HD Audio, SATA, SMBUS, GPIO , SIM and PCI Express mini card.