

3.5 inch Miniboard LE-375

Intel® Atom™ Processor, Onboard LVDS
VGA, DVI, Giga LAN, USB2.0, AC97 Audio
SD, IDE & CF socket, PCIE Mini-Card



Form Factor	3.5 inch Miniboard
CPU	Intel® Atom™ Z510P/Z510PT processor 1.1GHz Intel® Atom™ Z520PT processor 1.33GHz Package type: 437pin FCBGA8 with an IHS, Front side bus: 400/533MHz
Memory	One 200-pin DDR2 400/533 SO-DIMM SDRAM up to 2GB Non-ECC, unbuffered memory supported only *Memory chip with width x16 bits is strongly recommended!
System Chipset	Intel® SCH US15WP/US15WPT
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 1.0 compliant, supports power saving mode
Integrated Graphics	Intel® integrated extreme GMA 500(Graphic Media Accelerator) Technology
Video Memory	Up to 256MB shared with system memory
LVDS interface	Chipset Integrated 18/24-bit single channel LVDS with Hirose connector Chrontel CH7308 Transmitter to provide dual channel to supersede integrated LVDS
DVI Interface	Chrontel CH7307C Transmitter with HDMI connector for DVI interface
VGA Interface	Chrontel CH7317A Transmitter with DSUB15 connector for VGA interface
Solid State Disk	IDE supports 44-Pin Disk On Module with +5V power supply One Compact Flash Type II socket & one SD 1.1 socket
Audio Interface	Intel® SCH integrated with Realtek ALC888 HD Codec
LAN Interface	Intel® 82574L/82574IT Gigabit Ethernet controller
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x PCIE mini card socket
Internal I/O Port	1 x IrDA, 1 x GPIO, 1 x AUDIO, 1 x CDIN, 1 x LVDS, 1 x LCD Inverter, 4 x USB2.0 1 x RS232/RS422/485, 1 x SMBUS, 1 x LPC
External I/O Port	1 x COM, 1 x VGA/DVI, 1 x RJ45, 2 x USB2.0, 1 x PS2
Power Requirement	9~24V full range DC Input
Dimension	146mm x 101mm
Temperature	Operating within 0~60 centigrade/ Wide-Temperature: Operating within -40~85 centigrade Storage within -20~85 centigrade/ Wide-Temperature: Storage within -40~85 centigrade

Ordering Code

LE-375QT	Support Intel® Atom Z510P processor with onboard VGA , LVDS, Audio, Giga LAN USB2.0, CF, SD, GPIO, PCIE mini card
LE-375QD	Same as LE-375QT but without VGA, support DVI
LE-375QX	Same as LE-375QT but without VGA, support 24bit dual channel LVDS .
LE-375RT	Support Intel® Atom Z510PT processor with onboard VGA , LVDS, Audio, Giga LAN USB2.0, CF, SD, GPIO, PCIE mini card, Wide-Temperature Range .
LE-375RD	Same as LE-375RT but without VGA, support DVI .
LE-375RX	Same as LE-375RT but without VGA, support 24bit dual channel LVDS .
LE-375PT	Support Intel® Atom Z520PT processor with onboard VGA , LVDS, Audio, Giga LAN USB2.0, CF, SD, GPIO, PCIE mini card, Wide-Temperature Range .
LE-375PD	Same as LE-375PT but without VGA, support DVI .
LE-375PX	Same as LE-375PT but without VGA, support 24bit dual channel LVDS .