

Industrial Single Board Computer

3.5 inches Miniboard LE-374

Intel Atom processor

Onboard VGA, LVDS , DVI , Giga LAN,

Mini PCI, USB2.0, SATA

AC97 Audio and Compact Flash socket



Form Factor	3.5 inches Miniboard
CPU	Intel Atom N270 processor 1.6GHz Package type: FCBGA8 , Front side bus: 533MHz
Memory	One 200-pin DDR2 SO-DIMM SDRAM up to 2GB Non-ECC, unbuffered memory supported only
Chipset	Intel 945GSE & ICH7M
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
VGA Interface	Intel integrated extreme GMA 950(Graphic Media Accelerator) Technology
Video Memory	Up to 224MB shared with system memory
LVDS interface	Onboard 18-bit dual channel LVDS connector
Serial ATA interface	2 x serial ATA interface with 150MB/s transfer rate
Solid State Disk	IDE supports 44-Pin Disk On Module with +5V power supply One Compact Flash Type II socket
DVI Interface	Onboard Chrontel CH7307C DVI Transmitter for DVI interface
Audio Interface	Intel ICH7-M integrated with Realtek ALC655 5.1CH AC97 Codec
LAN Interface	1 x Intel 82574L Gigabit Ethernet controllers
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x Mini-PCI socket
Internal I/O Port	1 x IrDA, 1 x GPIO, 1 x AUDIO, 1 x CDIN, 1 x LVDS, 2 x USB2.0 1 x RS232/RS422/485, 1 x DVI, 1 x LCD Inverter, 2 x SATA , 1 x HDTV
External I/O Port	1 x COM, 1 x VGA, 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 Storage within -20~85 centigrade

Ordering Code

LE-374	Intel Atom processor with onboard VGA, DVI, LVDS Audio, SATA, GLAN, USB2.0, CF, GPIO, Mini PCI
ADP-L2T	18bit LVDS to TTL module

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