

# 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



<b>Form Factor</b>	3.5 inches Miniboard
<b>CPU</b>	Intel Atom N270 processor 1.6GHz Package type: FCBGA8 , Front side bus: 533MHz
<b>Memory</b>	One 200-pin DDR2 400/533 SO-DIMM SDRAM up to 2GB Non-ECC, unbuffered memory supported only
<b>Chipset</b>	Intel 945GSE & ICH7M
<b>Real Time Clock</b>	Chipset integrated RTC with onboard lithium battery
<b>Watchdog Timer</b>	Generates a system reset with internal timer for 1min(sec) ~ 255min(sec)
<b>Power Management</b>	ACPI 1.0 compliant, supports power saving mode
<b>VGA Interface</b>	Intel integrated extreme GMA 950(Graphic Media Accelerator) Technology
<b>Video Memory</b>	Up to 224MB shared with system memory
<b>LVDS interface</b>	Onboard 18/ 24-bit dual channel LVDS connector <b>(Optional)</b>
<b>Serial ATA interface</b>	2 x serial ATA interface with 150MB/s transfer rate
<b>Solid State Disk</b>	IDE supports 44-Pin Disk On Module with +5V power supply One Compact Flash Type II socket
<b>DVI Interface</b>	Onboard Chrontel CH7307C DVI Transmitter for DVI interface <b>(Optional)</b>
<b>Audio Interface</b>	Intel ICH7-M integrated with Realtek ALC655 5.1CH AC97 Codec
<b>LAN Interface</b>	1 x Intel 82574L Gigabit Ethernet controllers
<b>GPIO interface</b>	Onboard programmable 8-bit Digital I/O interface
<b>Extended Interface</b>	1 x Mini-PCI socket
<b>Internal I/O Port</b>	1 x IrDA, 1 x GPIO, 1 x AUDIO, 1 x CDIN, 1 x LVDS, 2 x USB2.0, 1 x DVI <b>(Optional)</b> 1 x RS232/RS422/485, 1 x LCD Inverter, 2 x SATA · 1 x HDTV
<b>External I/O Port</b>	1 x COM, 1 x VGA, 1 x RJ45, 2 x USB2.0, 1 x PS2
<b>Power Requirement</b>	9~24V full range DC Input
<b>Dimension</b>	146mm x 101mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

### Ordering Code

<b>LE-374</b>	Intel Atom processor with onboard VGA, <b>DVI</b> , LVDS <b>(18 bit dual channel)</b> , Audio, SATA, GLAN, USB2.0, CF, GPIO, Mini PCI
<b>LE-374X</b>	Intel Atom processor with onboard VGA, LVDS <b>(18 or 24 bit dual channel)</b> , Audio, SATA, GLAN, USB2.0, CF, GPIO, Mini PCI

### Taiwan Commate Computer Inc.

19F, NO. 94, Sec. 1, Shin Tai Wu Rd., Hsi Chih, Taipei Shien, Taiwan.

TEL: +886-2-26963909

Website:[www.commell.com.tw](http://www.commell.com.tw)

FAX: +886-2-26963911

E-mail:[info@commell.com.tw](mailto:info@commell.com.tw)



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