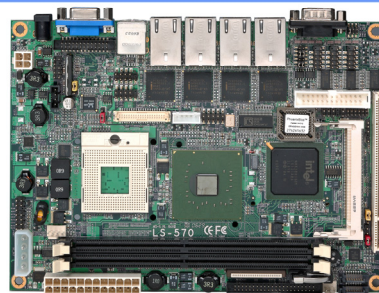


# Industrial Single Board Computer

## 5.25" Embedded Miniboard

### LS-570

Intel Core Duo/Solo processor  
With VGA, TV-Out, LVDS and DVI, Giga LAN  
PCI slot, Mini PCI, and Compact Flash socket



|                             |                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form Factor</b>          | 5.25 inch Embedded Miniboard                                                                                                                                                       |
| <b>CPU</b>                  | Support Intel Core Duo/Core solo Processor<br>Package type: Micro-FCPGA478<br>Front side bus: 533/667MHz                                                                           |
| <b>Memory</b>               | 2 x DDRII 533/667MHz SDRAM up to 3GB                                                                                                                                               |
| <b>Chipset</b>              | Intel 945GM & 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/s ~ 255min/s                                                                                                                 |
| <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-bit dual channel LVDS connector                                                                                                                                         |
| <b>PCI Enhanced IDE</b>     | One 44-pin Ultra DMA 33 IDE interface supports up to 2 ATAPI devices                                                                                                               |
| <b>Serial ATA interface</b> | 2 x serial ATA interface with 150MB/s transfer rate                                                                                                                                |
| <b>Solid State Disk</b>     | Onboard 44-Pin IDE support DOM, CF on solder side .                                                                                                                                |
| <b>Audio Interface</b>      | Intel ICH7-M integrated with Realtek ALC655 5.1CH AC97 Codec                                                                                                                       |
| <b>LAN Interface</b>        | 4 x Intel 82573L Gigabit Ethernet controllers                                                                                                                                      |
| <b>GPIO interface</b>       | Onboard programmable 8-bit Digital I/O interface                                                                                                                                   |
| <b>Extended Interface</b>   | 1 x PCI slot, 1 x Mini-PCI socket                                                                                                                                                  |
| <b>Internal I/O Port</b>    | 1 x PS2, 1 x IrDA, 1 x GPIO, 1 x AUDIO, 1 x CDIN, 1 x LVDS, 4 x USB2.0<br>1 x DVI, 1 x LCD Inverter, 1 x FDD, 1 x LPT, 1 x HDTV, 1 x 44-pin IDE,<br>2 x RS232, 1 x RS232/RS422/485 |
| <b>External I/O Port</b>    | 1 x COM, 1 x VGA, 4 x RJ45, 2 x USB2.0, 1 x 2-pin power jack                                                                                                                       |
| <b>Power Requirement</b>    | Standard 24-pin ATX power supply (20-pin is compatible)<br>Or 8~24V full range DC Input                                                                                            |
| <b>Dimension</b>            | 146mm x 203mm                                                                                                                                                                      |
| <b>Temperature</b>          | Operating within 0~60 centigrade<br>Storage within -20~85 centigrade                                                                                                               |
| <b>Ordering Code</b>        |                                                                                                                                                                                    |
| <b>LS-570</b>               | Support Intel Core Duo/Solo processor with onboard VGA, HDTV, DVI, LVDS, Audio, SATA, Giga LAN, USB2.0, LPT, CF, GPIO, Mini PCI, FDD                                               |

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