

# Industrial Single Board Computer

## 5.25" Embedded Miniboard LS-570

Intel Core Duo/Solo processor

With VGA, 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 Package type: Micro-FCPGA478 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 1 x DVI, 1 x LCD Inverter, 1 x FDD, 1 x LPT, 1 x 44-pin IDE, 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) Or 8~24V full range DC Input
<b>Dimension</b>	146mm x 203mm
<b>Temperature</b>	Operating within 0~60 centigrade Storage within -20~85 centigrade

### Ordering Code

**LS-570** Support Intel Core Duo/Solo processor with onboard VGA, DVI, LVDS, Audio, SATA, Giga LAN, USB2.0, LPT, CF, GPIO, Mini PCI, FDD

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