

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



Form Factor	5.25 inch Embedded Miniboard
CPU	Support Intel Core Duo/Core solo Processor Package type: Micro-FCPGA478 Front side bus: 533/667MHz
Memory	2 x DDRII 533/667MHz SDRAM up to 3GB
Chipset	Intel 945GM & ICH7M
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min/s ~ 255min/s
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
PCI Enhanced IDE	One 44-pin Ultra DMA 33 IDE interface supports up to 2 ATAPI devices
Serial ATA interface	2 x serial ATA interface with 150MB/s transfer rate
Solid State Disk	Onboard 44-Pin IDE support DOM, CF on solder side .
Audio Interface	Intel ICH7-M integrated with Realtek ALC655 5.1CH AC97 Codec
LAN Interface	4 x Intel 82573L Gigabit Ethernet controllers
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x PCI slot, 1 x Mini-PCI socket
Internal I/O Port	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
External I/O Port	1 x COM, 1 x VGA, 4 x RJ45, 2 x USB2.0, 1 x 2-pin power jack
Power Requirement	Standard 24-pin ATX power supply (20-pin is compatible) Or 8~24V full range DC Input
Dimension	146mm x 203mm
Temperature	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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