

Industrial Single Board Computer

3.5 inches Miniboard LS-371

Intel Core2 Dual/Core Dual/Core Solo processor

Onboard VGA, LVDS , DVI and HDTV

Giga LAN, Mini PCI, USB2.0, SATA

AC97 Audio and Compact Flash socket



Form Factor	3.5 inches Miniboard
CPU	Support Intel Core2 Dual/Core Dual/Core Solo processor Package type: Micro-FCPGA478 Front side bus: 533/667MHz
Memory	One 200-pin DDR2 SO-DIMM SDRAM up to 2GB Non-ECC, unbuffered memory supported only
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(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 Chronitel CH7307C DVI Transmitter for DVI interface
Audio Interface	Intel ICH7-M integrated with Realtek ALC655 5.1CH AC97 Codec
TV-out Interface	Onboard HDTV interface
LAN Interface	1 x Intel 82573L 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, 1 x HDTV, 2 x SATA
External I/O Port	1 x COM, 1 x VGA, 1 x RJ45, 2 x USB2.0, 1 x PS2
Power Requirement	8~24V full range DC Input
Dimension	146mm x 101mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Ordering Code

LS-371 Support Intel Core2 Dual/Core Dual/ Core Solo processor with onboard VGA, HDTV, DVI, LVDS, Audio, SATA, GLAN, USB2.0, CF, GPIO, Mini PCI

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