

Industrial Single Board Computer

3.5 inches miniboard

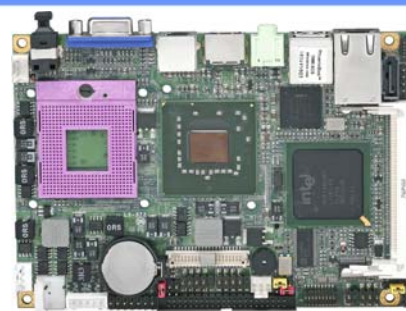
LS-372

Intel Core 2 Duo Mobile processor

Onboard VGA, LVDS , DVI

Giga LAN, Mini PCI, USB2.0, SATA

HD Audio and Compact Flash



Form Factor	3.5 inches miniboard
CPU	Support Intel Core 2 Duo Mobile processor Package type: Micro-FCPGA478 (Socket-P) Front side bus: 533/800MHz
Memory	One 200-pin DDR2 SO-DIMM up to 2GB Non-ECC, unbuffered memory supported only
Chipset	Intel GME965 & ICH8M
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 X3100(Graphic Media Accelerator)
Video Memory	Up to 384MB shared with system memory
LVDS interface	Onboard 24-bit dual channel LVDS interface
Serial ATA interface	1 x Serial ATA interface with 300MB/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 Support rear HDMI connect for DVI interface
Audio Interface	Intel ICH8M integrated with Realtek ALC888 Codec
LAN Interface	1 x Intel 82573L Gigabit Ethernet controller
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, 4 x USB2.0 2 x COM , 1 x LCD Inverter, 1 x SATA and 1 x PS2
External I/O Port	1 x VGA, 1 x RJ45, 2 x USB2.0, 1 x AUDIO, 1 x HDTV,1 x SPDIF and 1 x HDMI Connect
Power Requirement	12V DC Input
Dimension	146mm x 101mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Ordering Code

LS-372	Support Intel Core 2 Duo Mobile processor with onboard VGA, DVI, SPDIF LVDS, Audio, SATA, Giga LAN, USB2.0, CF, GPIO and Mini PCI
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