Industrial Single Board Computer

3.5” Miniboard

LS-373

Support Intel Core 2 Duo CPU with DDRIII SO-DIMM, CRT, LVDS, Gigabit LAN, Mini PCI, Serial ATAII, PCI Express mini card and HD Audio

Form Factor	3.5” Miniboard
CPU	Support Intel Core 2 Duo Processor Package type: Micro-FCPGA478 **(Socket-P)** Front side bus: 667/800/1066 MHz
Memory	One DDRIII SO-DIMM 800/1066 up to 2GB Non-ECC, unbuffered memory supported only
Chipset	Intel GM45 & ICH9M(82801IBM)
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 2.0 compliant, supports power saving mode
Serial ATA Interface	2 x serial ATAII interface with 300MB/s transfer rate
VGA Interface	Intel integrated extreme GMA X4500(Graphic Media Accelerator) Technology
LVDS Interface	Onboard 24-bit dual channel LVDS connector with +3.3V/+5V/+12V supply
Audio Interface	Intel integrated ICH9M with Realtek ALC888 HD Audio
LAN Interface	2 x Intel 82574L Gigabit LAN
GPIO Interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x PCIE Mini card socket, 1 x Mini PCI socket to support Mini PCI Type III B
Internal I/O Port	1 x RS232/422/485, 1 x SMBUS, 1 x GPIO, 1 x HDTV, 4 x USB ports, 1 x IrDA, 1 x LVDS, 1 x LCD inverter, 2 x Serial ATA, 1 x DC_OUT, 1 x Front panel , 1 x CD_IN and 2 Channel Audio
External I/O Port	1 x PS/2, 2 x RJ45 LAN ports, 1 x VGA port, 1 x RS232 port and 1 x SPDIF
Power Requirement	12V DC Input
Dimension	146mm x 101mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Ordering Code	
LS-373	Onboard VGA, LVDS, HDTV,2 x LAN, 4 x USB2.0, HD Audio, 2 x SATA, SMBUS, Mini PCI and PCI Express mini card
MPX-574D	PCI Express mini card supports single Giga LAN
MPX-SDVOD	SDVO to DVI module
ADP-L2T	18bit LVDS to TTL module

For further product information please visit the website at http://www.commell.com.tw

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