

Industrial Single Board Computer

5.25" Embedded Miniboard

LS-572

Support Intel Core 2 Quad / Core 2 Duo /
Celeron processor, Onboard VGA
HD Audio, Mini-PCI, PCI, DVI / LVDS, LPT
Serial ATA, Dual Gigabit LAN.



Form Factor	5.25 inch Embedded Miniboard
CPU	Support Intel Core 2 Quad/ Core 2 Duo/ Celeron processor Package type: LGA775 Front side bus: 800/1066/1333MHz
Memory	Two DDRII 667/800 MHz DIMM up to 4GB
Chipset	Intel Q35 & ICH9DO
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, support power saving mode
Serial ATA Interface	Intel ICH9DO built-in 4 x Serial ATAII interface up to 300MB/s Support RAID 0, 1, 5, 10 and Intel Matrix Storage Technology
VGA Interface	Intel integrated extreme GMA 3100(Graphic Media Accelerator) Technology
Video Memory	Up to 384MB shared with system memory
DVI Interface	One Chrontel CH7307C DVI transmitter with onboard 26-pin DVI connector
LVDS Interface	One optional Chrontel CH7308A LVDS transmitter for 18/24-bit dual channel LVDS interface with +3.3V/+5V/+12V supply
Audio Interface	Intel integrated ICH9DO with Realtek ALC888 HD Audio
LAN Interface	2 x Intel 82573L Gigabit LAN
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	One PCI slot , One Mini PCI socket to support Mini-PCI Type III A
Internal I/O Port	1 x slim FDD, 1 x GPIO port, 1 x CDIN, 1 x HD Audio, 1 x IrDA, 8 x USB ports, 1 x VGA 1 x SMBUS, 1 x DVI, 1 x LVDS, 1 x PS/2, 1 x LPT, 1 x RS232/422/485 and 5 x RS232
Power Requirement	Standard 24-pin ATX power supply (20-pin is compatible) and P4 4-pin 12V
Dimension	203mm x 146mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Ordering Code

LS-572D	Onboard VGA, 2 x Intel Gigabit LAN, 8 x USB2.0, Mini-PCI, PCI, 6 x Serial Port, 1 x slim FDD Realtek ALC888 HD Audio, 4 x SATA, 1 x IrDA, 1 x LPT and 1 x DVI
LS-572D2	Same as LS-572D, but with Two DVI interface
LS-572X	Onboard VGA, 2 x Intel Gigabit LAN, 8 x USB2.0, Mini-PCI, PCI, 6 x Serial Port, 1 x slim FDD Realtek ALC888 HD Audio, 4 x SATA, 1 x IrDA, 1 x LPT and 1 x LVDS
MP-6421	Mini PCI with one 44-pin IDE, 1 x Compact Flash Type II and 2 x serial ATA interface

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