

Industrial Single Board Computer

3.5 Inches Embedded Miniboard



LE-370Z

Intel 852GM chipset

With onboard Intel Celeron M 600MHz

Onboard VGA, LAN, Compact Flash

Mini-PCI, LVDS, USB2.0



Form Factor	3.5 Inches Embedded Miniboard
CPU	Onboard Intel Celeron M processor 600MHz Package: FC-BGA479 FSB: 400MHz Fanless with heatsink
Memory	1 x DDR200/266 SDRAM up to 1GB
Chipset	Intel 82852GM and ICH4
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min ~ 255min
Power Management	ACPI 1.0 compliant, supports power saving mode with ATX PSU
PCI Enhanced IDE	UltraATA/100 IDE Interface supports up to 2 ATAPI devices Onboard 1 x 44-pin IDE connector
VGA Interface	Intel 852GM built-in Intel Extreme Graphic Technology
Video Memory	Up to 64MB shared with system memory
LCD interface	24-bit dual channel LVDS interface up to 1400 x 1050 of resolution Onboard 5-pin LCD inverter connector
Audio Interface	Intel ICH4 integrated with Realtek ALC201A AC97 Codec
LAN Interface	Intel 82562ET PHY supports 10/100Mbps
Solid State Disk	1 x Compact Flash Type II socket IDE1 supports DiskOnModule with +5V power supply
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Internal I/O Port	1 x internal parallel and IrDA ports 2 x USB 2.0 ports, 1 x slim FDD port 1 x RS232 serial port 1 x VGA output header
External I/O Port	1 x RJ45 LAN ports, 1 x DB15 VGA port and 1 x PS/2 Keyboard/Mouse Port 1 x RS232 Serial Port, 1 x DC jack
Expansion Interface	1 x Mini-PCI interface Optional extended PCI interface supports up to 2 devices through riser card

Power Requirement	DC 12V input
Input Current	
Board Dimension	154 mm x 101 mm (L x W)
Operation Temperature	0 ~ 60 °C (32 ~ 140 °F)

Ordering Code

LE-370Z	3.5" Embedded Miniboard with onboard Intel Celeron M 600MHz, VGA, Audio, LAN, 2 x USB2.0, CF, Mini-PCI, 2 x COM
LE-370Z8	Same as LE-370Z but change CPU to Celeron M 800 MHz
LE-370CM6	Same as LE-370Z but change CPU to Celeron M 600 MHz, 512K L2 cache
PCI-3P1	PCI riser card supports right side one slot
PCI-3P2	PCI riser card supports left side two slots
MP-323	Mini-PCI IEEE1394a add-on card
SPD-080-12	80W DC adapter

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

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