

# 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



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

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

### Ordering Code

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

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

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