

## IPC Products

- 3.5" Embedded SBC
- 5.25" Embedded SBC
- Industrial Motherboard
- SOM-ETX CPU Module
- PC/104 CPU Module
- Fanless System



- Network Control Board
- Network Appliance



- Supports Intel® Pentium® M/ Celeron® M processors with 400MHz FSB
- One DDR memory sockets at 266MHz supports up to 1GB
- Supports Four 10/100 LAN interface
- Two serial ports , one parallel port, two USB 2.0 ports
- One E-ATA connector and one CompactFlash™ type/ II socket
- Digital I/O: four input and four output
- Watchdog timer & H/W system monitoring

[Download](#) [Features](#) [Specifications](#) [PDF](#)

### General Functions

CPU	Intel® Pentium® M/ Celeron® M processors (400MHz FSB)
BIOS	Award® 512KB Flash BIOS
Chipset	Intel® 852GM + ICH4
I/O Chipset	Winbond® 83627HG
Memory	One DDR socket at 266MHz w/o ECC registered supports up to 1GB
LAN	Four Intel 82551ER Ethernet controllers ( two ports bypass is optional)
Storage	One CompactFlash™ type/ II socket, one 40pin E-ATA connector
Connectors	10/100 Ethernet: 4 RJ-45 ports USB: 2 port Console: 1 port (COM 1) Internal header: 1 x RS-232 (COM2) 1 x KB/MS 1 x Printer port 1 x VGA port Power connector: +12V
Digital I/O	4 x digital input, 4 x digital output
Expansion Slot	1 x PCI 32bit/ 33MHz golden fingers edges 1 x Mini PCI socket
Watchdog Timer	Can generate a system reset; support software selectable timeout interval
System Monitoring	Winbond® W83627HG supports temperatures, fan speed, and voltages monitoring
Other Features	Supports two PCI slots via riser card
OS Compatibility	MS DOS 6.22, Windows®2000 SP4/ Windows®XP SP2, Linux Fedora Core 6 / Core 7, CentOS 5
Power Supply	Standard ATX power supply Min. power requirements: 2.4A@+5V, 2.5A@+3.3V, 0.3A@5VSB, 1.6A@+12V, 0.1A@-12V,
Mechanical	279mm (L) x 209mm (W) (11"L x 8.2"W)
Environmental	Operatin Temperature: 32 to 140°F (0 to 60°C) Relative Humidity: 95%

Note: All specifications are subject to change without prior notice

### Ordering Information

CB-7962A	Control board with Intel® Pentium® M/Celeron® M socket type, four 10/100 LAN (Intel® 82551ER)
----------	---

CB-7962B-060	Control board with Intel® Celeron® M 600MHz/512K cache, four 10/100 LAN (Intel® 82551ER)
DK001	Cable development kit
R-086A	Riser card with two PCI expansion slots

**Packing**

1 x CB-7962 SBC

1 x CD (Manual , Quick installation guide, Utility driver)