



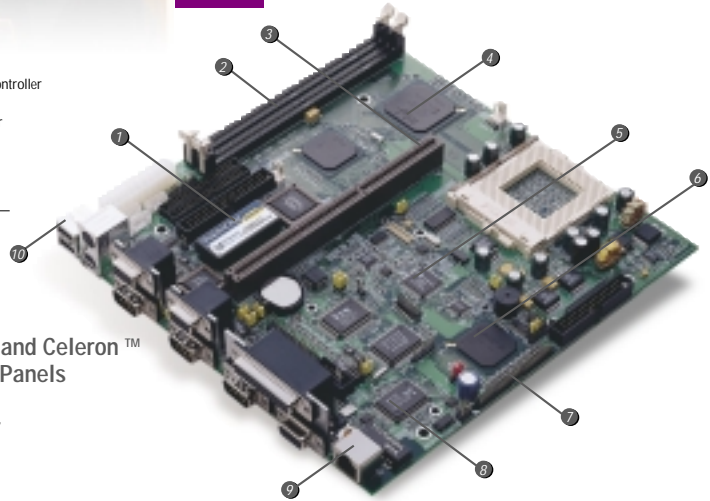
MB-668

Socket 370 LPX Board

with LCD, LAN, & Audio

- 1 Socket for DiskOnChip®
- 2 Two 168-pin DIMM Sockets
- 3 PCI/ISA Slot for Expansion
- 4 Intel® 440BX Chipset
- 5 Audio controller (ES1938)

- 6 C&T 69000 Flat Panel Display Controller
- 7 Flat Panel Display Connector
- 8 10/100Base-T Ethernet controller
- 9 10/100Base-T RJ-45 connector
- 10 Dual USB Connectors



Features

- Supports both Intel® Socket 370 Pentium® III and Celeron™
- C&T 69000 LCD controller supports 36-bit TFT Panels
- 10/100Base-T Fast Ethernet
- Integrated 32-bit PCI interface audio controller
- Supports DiskOnChip up to 288MB



Specifications

System

CPU	Intel®Socket 370 Pentium®III (Coppermine) up to 1GHz, Celeron™ up to 700 MHz (with system bus frequencies of 66/100 MHz)
System Memory	SDRAM DIMM x 2, Max. 512 MB
Chipset	Intel®440BX
BIOS	Award 256KB FLASH BIOS
SSD	Supports DiskOnChip®up to 288MB
I/O Chipset	ITE IT8661F / Winbond W83977ATF. Fully 16-bit I/O decoded
Watchdog timer	Can generate a system reset, IRQ15, or IRQ10 and IRQ11. 1sec./step
Expansion Interface	PCI/ISA slot x 1
Battery	Lithium battery
CMOS Backup	CMOS data backup in FLASH memory, auto system reload when data is loss
DMA	7 DMA channels (8237 equivalent)
Interrupt	15 interrupt levels (8259 equivalent)
H/W status monitoring	Winbond W83781D H/W status monitoring IC supports power supply voltages, fan speed control and temperature monitoring
Power supply voltage	+5 V (4.75 V to 5.25 V), +12 V (11.4 V to 12.6 V), ATX.
Size/Weight	8.9" (L) x 8.7" (W) (225 mm x 220 mm), 1.2 lb. (0.52 Kg)
Operating temperature	32 to 140°F(0 to 60°C)

I/O

MIO	IDE (UDMA33) x 2, FDD x 1, KB x 1, Mouse x 1, RS-232x 3, RS-232/422/485 x 1, Parallel x 2
IrDA	One IrDA Tx/Rx header
Ethernet	Realtek RTL8139C, 10/100Base-T RJ-45 connector x 1
Audio	ESS ES1938 (Solo-1)
USB	2 USB ports

Display

Chipset	C&T 69000
Memory size	Built-in 2MB SDRAM
Resolution	Up to 1024 x 768 @ 64K colors (CRT/LCD simultaneous display)
LCD Interface	36-bit TFT LCD panel

Packing List

IDE cable, FDD cable, Serial Port cable, Parallel Port cable	9681066800
IDE cable, Audio cable	9681066801
Quick Installation Guide	
Utility CD	

Ordering Information

MB-668-A21	LPX board with LAN, Audio, & LCD
Optional	
PCM-10560-4	Riser Card with PCI and ISA slots
PCM-3524	LVDS Transmitter/Receiver Module