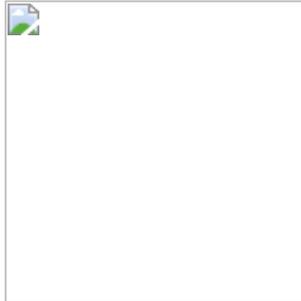


IPC Products

- Full-size CPU Card
- Half-size CPU Card
- 3.25" Embedded SBC
- 5.25" Embedded SBC
- Industrial Motherboard
- Special Form Factor
- Control board
- Barebone System
- ODM/OEM

WBL-560

Download Features Specifications



- Pentium® grade single board computer
- 512KB L2 Cache
- C&T 69000 SVGA/LCD controller
- 32-bit PCI 100/10 Mbps Ethernet interface
- AC97 digital audio interface
- 4 serial ports: two RS-232 and two RS-232/422/485
- One PCI slot and one PC/104 connector
- Two types of FDD Connectors
- One Ultra DMA/33/66 IDE interface
- Supports H/W system monitoring

General Functions

CPU	Intel® Pentium® /MMX 166~233MHz AMD K6-2/3, Cyrix M II 233~300 Mhz and IDT WinChip II
BIOS	Award® 256KB Flash BIOS
Cache	512KB Pipeline Burst SRAM
Chipset	VIA Apollo MVP3 chipset VT82C598MVP + VT82C686A
I/O Chipset	Built-in I/O + Winbond® 83977EF-AW.
Memory	One 168-pin DIMM socket support up to 128MB
Enhanced IDE	Support up to two IDE devices (Ultra DMA 33/66)
FDD interface	Support one 34-pin header and one notebook type connector
Parallel port	Support SPP/ECP/EPP
Serial port	Two RS-232 and two RS-232/422/485 serial ports
IR interface	Supports one IrDA Tx/Rx header
KB/Mouse connector	9-pin connector supports PC/AT keyboard and PS/2 mouse
USB connectors	Supports dual USB ports
Battery	Lithium battery for data retention up to 10 years(in normal condition)
Watchdog Timer	Software programable.
PC/104 Connector	One PC/104 connector
PCI slot	One PCI slot
Power management	Supports AT/ATX power supply Supports LAN wake up and modem ring-in functions
H/W status monitoring	Built-in IC support voltages, temperatures, and FAN speed monitoring

Flat Panel/CRT Interface

Chipset	C&T 69000/69030 VGA/AGP controller
Display memory	Built-in 2MB SDRAM
Display type	Display both CRT and Flat Panel simultaneously
Resolution	Up to 1024x768@64K Colors

PCI Sound Interface

Chipset	Onboard AC 97 codec
Audio controller	SoundBlaster Pro Hardware and Direct Sound Ready AC97 Digital Audio
Audio interface	Mic in, Line in, Speaker out and CD audio in

Ethernet Interface

Chipset	Realtek® RTL8139C Ethernet controller
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Ethernet interface PCI 100/10 Mbps Ethernet controller
SSD Interface DiskOnChip® 2000 Series up to 288MB

LVDS Interface

Chipset TI SN75LVDS83 or THine THC63LVDM63A
Performance The transmitter converts 24 bits of CMOS/TTL data into LVDS data stream.

Mechanical and Environmental

Power supply voltage +5V (4.75V to 5.25V), +12V (11.4V to 12.6V)
Max. power requirements 6A @ 5 V, 1.1A@ +12V
Operating temperature 32 to 140°F (0 to 60°C)
Board size 8"(L) x 5.75"(W)(203mm x 146mm)
Weight 0.6 lb. (0.3 Kg) (bare)