

Following is the detail electronic specification of MIC-3376.

Standard SBC functions

- CPU: Intel Pentium III/II CPU up to 500 MHz
- BIOS: Award flash BIOS
- Chipset: Intel 440BX AGPset
- System bus frequency: 66/100 MHz
- L2 cache: CPU built-in 512 KB
- RAM: Two 168-pin DIMM sockets. Supports PC-100 SDRAMs with memory capacity up to 512MB, supports ECC
- EIDE interface: Two channels handle up to 4 IDE HDDs or other IDE devices via the J3 connector. Supports PIO mode 4 and Ultra DMA/33 mode
- CompactFlash interface: Accepts one CompactFlash card on primary IDE channel, master or slave selectable by a jumper
- FDD interface: Supports up to two floppy disk drives through the J3 connector
- Parallel port: Configured to LPT1, LPT2, LPT3 or disabled. Supports multi-mode parallel port (SPP/ECP/EPP)
- Serial ports: Two RS-232 ports with 16C550 UARTs
- Watchdog timer: Can generate a system reset or IRQ 15. Software enabled/disabled. Time interval is from 1 to 63 seconds, jumperless with run-time setup
- Keyboard/mouse connector: One 6-pin mini-DIN connector on the front panel]
- USB interface: Two USB connectors with fuse protection. Complies with USB specification 1.0

PCI-to-PCI Bridge

- Controller chip: One (MIC-3376/MIC-3376S) or two (MIC-3376D/MIC-3376F) Intel DEC 21150 controller chips
- Drives up to two bus segments, one through J1 and J2 connectors, the other one through J4 and J5 connectors.
- Supports up to seven bus masters on each bus segment.
- Provide seven pairs of GNT# and REQ# signals on each bus segment

AGP VGA interface

- Controller: Intel C&T 69000
- AGP 1.0 compliant, 66 MHz
- Display memory: On-chip 2MB SDRAM
- Display Resolution:
 - 640 x 480 with 256/64K/16M color display, 60/75/85 Hz
 - 800 x 600 with 256/64K/16M color display, 60/75/85 Hz
 - 1024 x 768 with 256/64K color display, 60/75/85 Hz

- 1280 x 1024 with 256 color display, 60 Hz

10/100Base-TX Ethernet Interface

- Controller: Two Intel 82559 Fast Ethernet controller chips
- Dual LAN ports
- 10 Mbps or 100 Mbps auto-switching

Ultra2 Wide SCSI Interface

- Controller: Symbios SYM53C895
- Supports 16-bit Low Voltage Differential (LVD) and Single Ended (SE) signaling
- Performs wide Ultra2 SCSI LVD synchronous transfers as fast as 80 MB/s