



GCB60BX-G

Intel® 440BX chipset
Socket 370-based Intel® ATX board

PROCESSOR (Socket 370-based Intel®)

- Intel® Pentium® III Processor
 - FCPGA 100MHz FSB (up to 1GHz)
- Intel® Celeron® Processor
 - 100MHz FSB (up to 1 GHz)
- Intel® Celeron® Processor
 - 66MHz FSB PPGA (300A-533MHz)
or FCPGA (566MHz-600MHz)
- VIA® Cyrix®-III Processor
 - 100MHz FSB (PR433/PR466)

CHIPSET

- Intel® 8440BX AGP chipset

SYSTEM MEMORY

- Supports 32MB to 768MB memory using unbuffered or registered DIMMs
- Three 168-pin DIMM sockets
- Uses x64 or x72 PC SDRAM, 3.3V
 - PC-66 SDRAM DIMM for 66MHz FSB processors
 - PC-100 SDRAM DIMM for 66MHz FSB processors
- Supports ECC memory (uses x72 PC SDRAM DIMM)

BIOS

- Award BIOS, Windows® 95/98 Plug and Play compatible
- Supports SCSI sequential boot-up
- Flash EPROM for easy BIOS upgrades
- Supports DMI 2.0 function
- Includes NCR 810 SCSI BIOS
- 2Mbit flash memory

ENERGY EFFICIENT DESIGN

- Supports ACPI specification and OS Directed Power Management
- Wake-On-Events include:
 - Modem ring-on
 - Wake-On-Keyboard
 - Wake-On-Mouse
 - Wake-On-LAN
 - RTC timer to power-on the system
- System power management supported
- CPU stopped clock control
- Hardware supports SMI green mode
- Microsoft®/Intel® APM 1.2 compliant
- Soft Power supported - ACPI v1.0a specification
- AC power failure recovery

DAMAGE FREE INTELLIGENCE

- Monitors CPU/system temperature and overheat alarm
- Monitors 1.5V / 3.3V / $\pm 5V$ / $\pm 12V$ / VCORE voltages and failure alarm
- Monitors CPU/chassis fan speed and failure alarm
- Automatic chassis/second fan control to save energy, prevent system overheat, prolong fan life, and implement silent system
- Read back capability that displays temperature, voltage and fan speed

PCI IDE INTERFACE

- Supports ATA/33 hard drives
- ATA/66 hard drives detectable by the BIOS
- PIO Mode 3 and Mode 4 Enhanced IDE (data transfer rate up to 16.6MB/sec.)
- Bus mastering reduces CPU utilization during disk transfer
- Supports ATAPI CD-ROM, LS-120, and ZIP drives

INTEGRATED I/O

- Two NS16C550A-compatible high speed UARTs
- One SPP/ECP/EPP parallel port
- Supports up to 2.88MB floppy drive

ACCELERATED GRAPHICS PORT (A.G.P.)

- AGP is an interface designed to support high performance 3D graphics cards
- AGP 2x supports up to 533MHz/sec. bandwidth for 3D graphics applications

REAR PANEL I/O PORTS

- 2 USB ports
- 2 DB-9 serial port
- 1 DB-25 parallel port
- 1 mini-DIN-6 PS/2 mouse port
- 1 mini-DIN-6 PS/2 keyboard port

CONNECTORS

- 1 connector for IrDA interface
- 2 IDE connectors
- 1 floppy connector
- 1 20-pin ATX power supply connector
- 1 Wake-On-LAN connector
- 1 SB-Link connector
- 3 fan connectors for CPU, chassis, and AGP fans

EXPANSION SLOTS

- 1 AGP slot
- 3 PCI slots
- 2 ISA slots
- 1 shared PCI/ISA slot

CIRCUIT BOARD (PCB)

- 4 layers, ATX form factor
- 30.48cm (12.0") x 17.2cm (6.67")

SAFETY

- UL, cUL, FCC Class B, CE