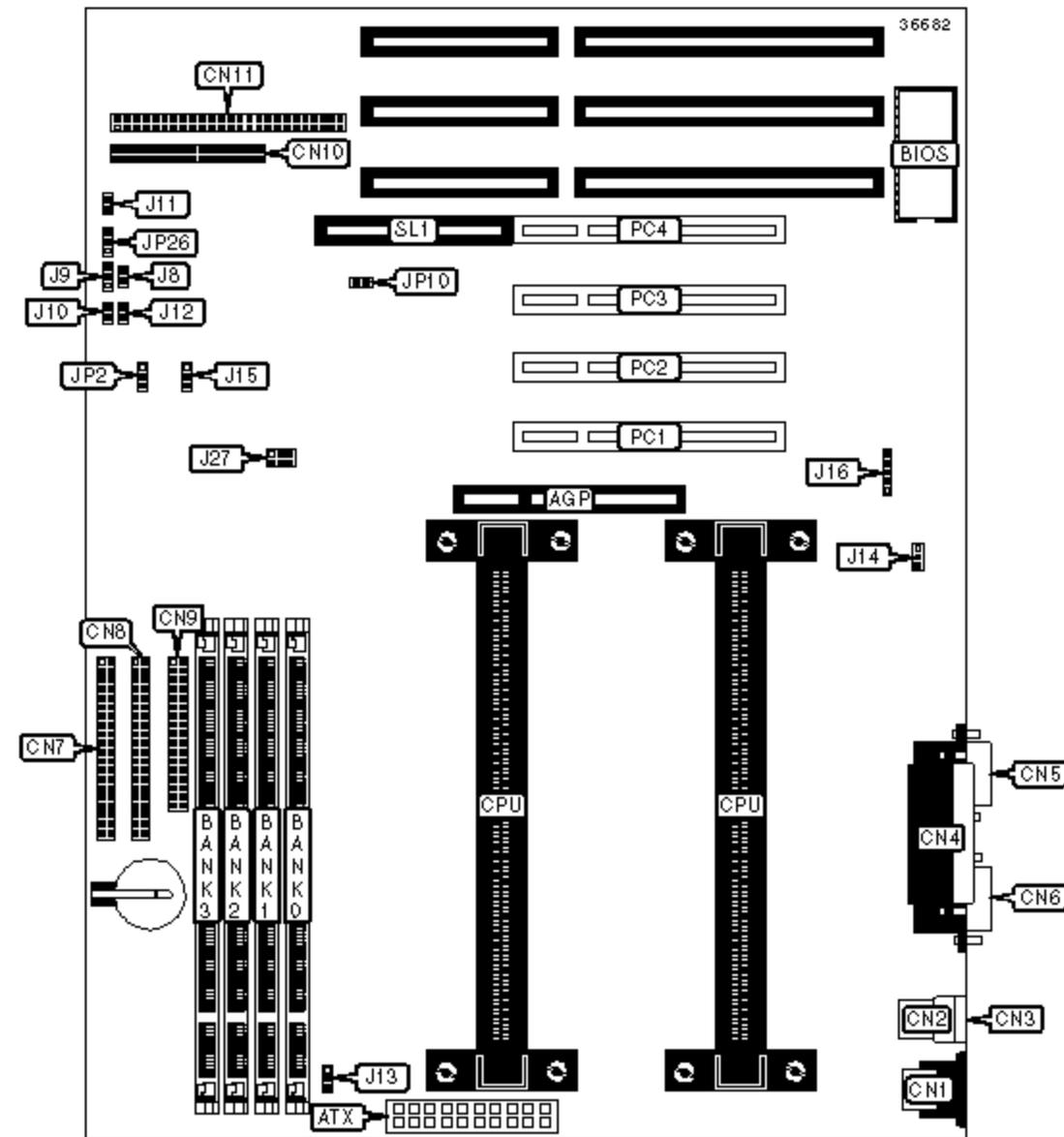


VEXTREC TECHNOLOGY INC.

GMB-P6BIDK (VER. 1.01)

Device Type	Mainboard
Processor	Pentium II (2)
Processor Speed	350/400/450MHz
Chip Set	Intel 440BX
Maximum Onboard Memory	512MB (EDO & SDRAM supported)
Cache	256/512KB (located on the Pentium II CPU)
BIOS	Award
Dimensions	305mm x 244mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), Ultra Wide SCSI interface, Ultra SCSI interface, parallel port, PS/2 mouse port, serial ports (2), IR connector, USB ports (2), ATX power connector, AGP slot, RAID slot, Wake-on-LAN connector



CONNECTIONS

Purpose	Location	Purpose	Location
AGP slot	AGP	Reset switch	J8

ATX power connector	ATX	Power LED	J9
PS/2 mouse port	CN1	IDE interface LED	J10
USB port 1	CN2	Power switch	J11
USB port 2	CN3	PC speaker	J12
Parallel port	CN4	CPU fan power connector 1	J13
Serial port 2	CN5	CPU fan power connector 2	J14
Serial port 1	CN6	CPU fan power connector 3	J15
IDE interface 1	CN7	IR connector	J16
IDE interface 2	CN8	SCSI LED	JP10
Floppy drive interface	CN9	Wake-on-LAN connector	JP26
Ultra SCSI connector	CN10	32-bit PCI slots	PC1 - PC4
Ultra Wide SCSI connector	CN11	RAID slot	SL1

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP2	Pins 1 & 2 closed
	CMOS memory clear	JP2	Pins 2 & 3 closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 1M x 64			
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 4M x 64	None	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None

64MB	(1) 2M x 64			
64MB	(1) 4M x 64	(1) 4M x 64	None	None
64MB	(1) 8M x 64	None	None	None
80MB	(1) 4M x 64	(1) 4M x 64	(1) 1M x 64	(1) 1M x 64
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 2M x 64	(1) 2M x 64
128MB	(1) 4M x 64			
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 16M x 64	None	None	None
144MB	(1) 8M x 64	(1) 8M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 8M x 64	(1) 8M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 8M x 64			
256MB	(1) 16M x 64	(1) 16M x 64	None	None
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 16M x 64			

Note: Board supports EDO & SDRAM memory.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPUs.

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	J27/Pins 1 & 2	J27/Pins 3 & 4	J27/Pins 5 & 6
350MHz	100MHz	3.5x	Closed	Open	Open
400MHz	100MHz	4x	Open	Closed	Closed
450MHz	100MHz	4.5x	Open	Closed	Open