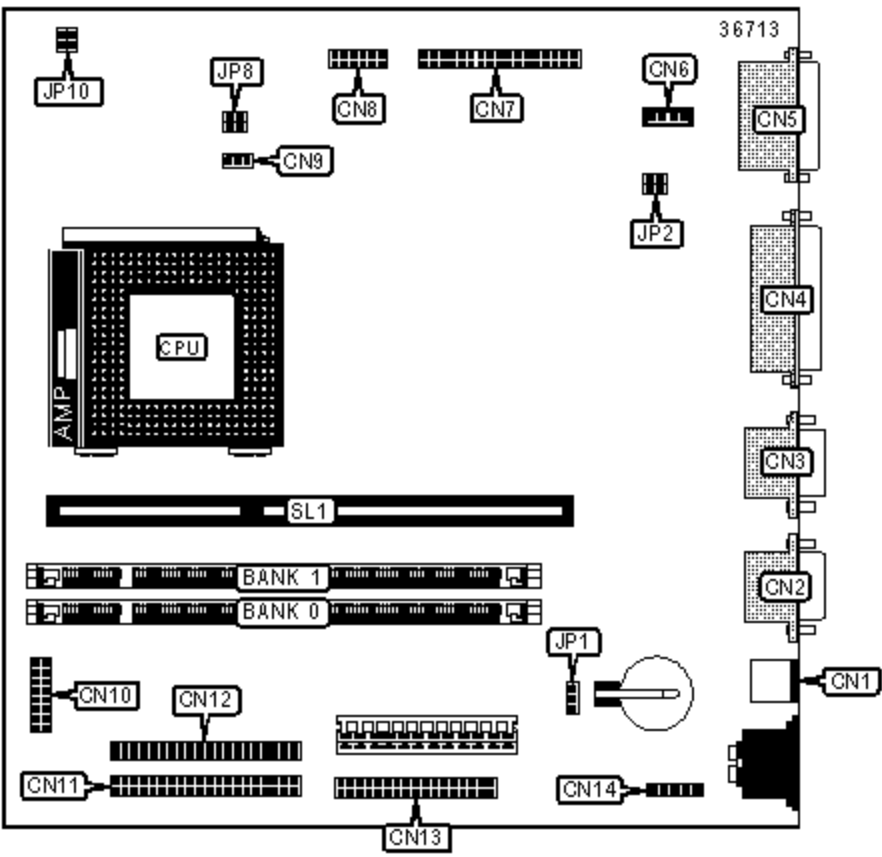


ELITEGROUP COMPUTER SYSTEMS, INC.

P5GM-LG

Device Type	Mainboard
Processor	CX GXm86
Processor Speed	180/200/233/266MHz
Chip Set	Cyrix
Video Chip Set	Unidentified
Audio Chip Set	Unidentified
Maximum Onboard Memory	512MB (EDO & SDRAM supported) Unified Memory Architecture (UMA)
Cache	Unidentified
BIOS	Award
Dimensions	Unidentified
I/O Options	Floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), IR connector, riser card slot, game/MIDI/audio interface, audio in - CD-ROM, VGA port, TV tuner header



CONNECTIONS

Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	IDE interface LED	CN10/Pins 5 & 6
Serial port 1	CN2	Reserved	CN10/Pins 7 & 8
Serial port 2	CN3	Reset switch	CN10/Pins 9 & 10
Parallel port	CN4	Standby switch	CN10/Pins 11 & 12
VGA port	CN5	Reserved	CN10/Pins 13 & 14

Audio in - CD-ROM	CN6	Reserved	CN10/Pins 15 & 16
Game/MIDI/audio interface	CN7	IDE interface 1	CN11
TV tuner header	CN8	IDE interface 2	CN12
CPU fan power	CN9	Floppy drive interface	CN13
Standby indicator LED	CN10/Pins 1 & 2	IR connector	CN14
Power LED	CN10/Pins 3 & 4	Riser card slot	SL1

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CMOS memory normal operation	JP1	Pins 2 & 3 Closed
	CMOS memory clear	JP1	Pins 1 & 2 Closed

DIMM CONFIGURATION

Size	Bank 0	Bank 1
8MB	(1) 1M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
16MB	(1) 2M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 2M x 64	(1) 2M x 64
32MB	(1) 4M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64
64MB	(1) 8M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64
80MB	(1) 8M x 64	(1) 2M x 64
96MB	(1) 8M x 64	(1) 4M x 64

128MB	(1) 8M x 64	(1) 8M x 64
128MB	(1) 16M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64
144MB	(1) 16M x 64	(1) 2M x 64
160MB	(1) 16M x 64	(1) 4M x 64
192MB	(1) 16M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64
256MB	(1) 32M x 64	None
264MB	(1) 32M x 64	(1) 1M x 64
272MB	(1) 32M x 64	(1) 2M x 64
288MB	(1) 32M x 64	(1) 4M x 64
320MB	(1) 32M x 64	(1) 8M x 64
384MB	(1) 32M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64
Note: Board supports EDO & SDRAM memory. Must use one or the other		

CPU SPEED SELECTION							
CPU speed	Clock speed	Multiplier	JP2/Pins 1 & 2	JP2/Pins 3 & 4	JP8/Pins 1 & 2	JP8/Pins 3 & 4	
180MHz	30MHz	6x	Closed	Closed	Closed	Open	
» 200MHz	33MHz	6x	Closed	Open	Closed	Open	
233MHz	33MHz	7x	Closed	Open	Open	Closed	
266MHz	33MHz	8x	Closed	Open	Open	Open	

CORE VOLTAGE SELECTION		
Setting	JP10/Pins 1 & 2	JP10/Pins 3 & 4
» 2.9 Volts	Open	Closed
3.3 Volts	Closed	Open

Note: Use the default setting of 2.9 Volts for 180MHz, 200MHz, 233MHz and 266MHz processors