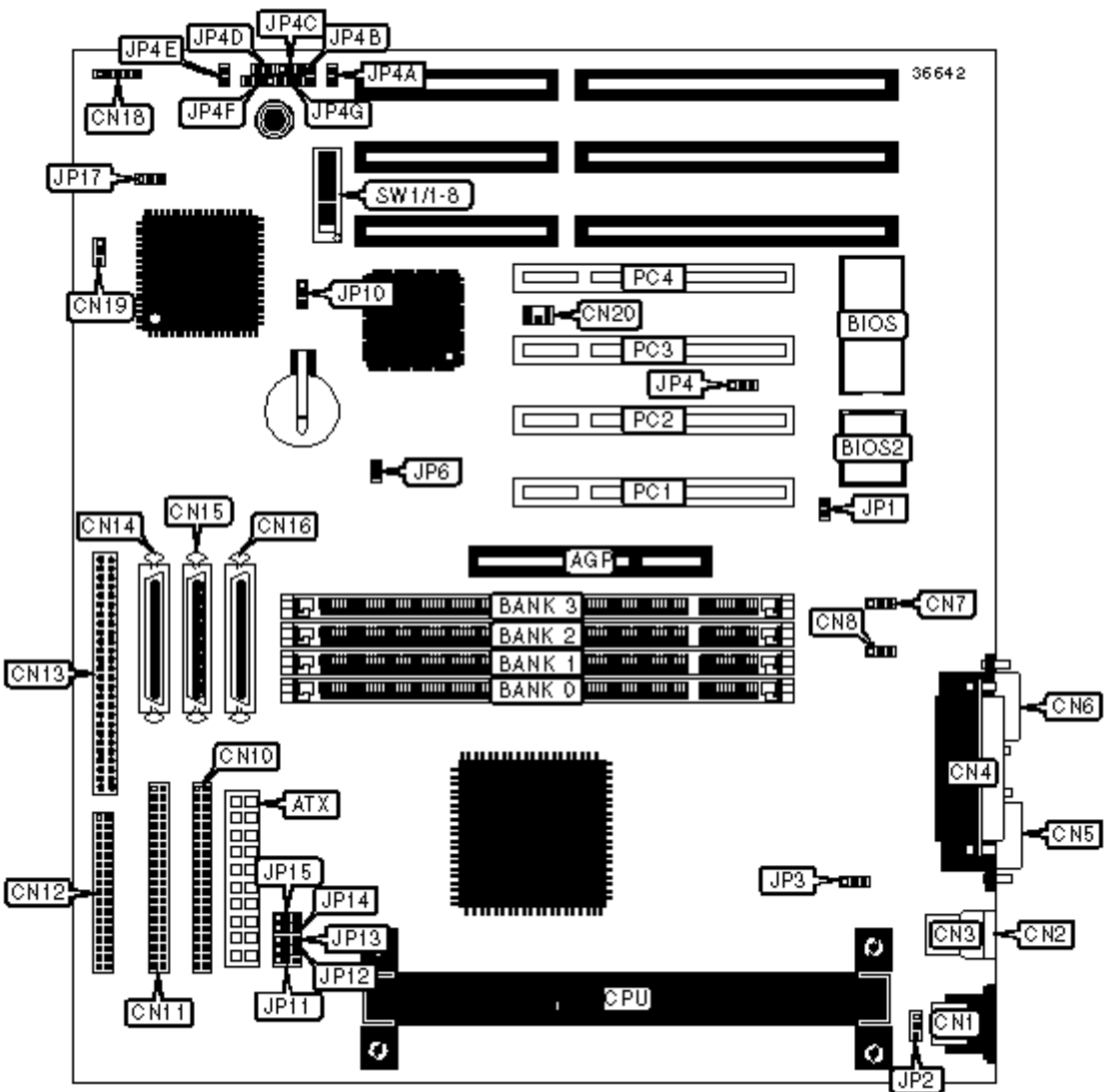


GIGA-BYTE TECHNOLOGY CO., LTD.

GA-6GXU (REV. 1.4)

Device Type	Mainboard
Processor	Pentium II Xeon/Pentium III Xeon
Processor Speed	400/450/500/550/600/650MHz
Chip Set	Intel 440GX
Maximum Onboard Memory	2GB (SDRAM supported)
Cache	512/1024/2048KB
BIOS	Award - Dual BIOS
Dimensions	305mm x 250mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), Wide Ultra SCSI interface, Wide SCSI interface, Ultra2 SCSI interface (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, Wake-on-LAN connector, SB-link connector, Power-on-ring connector



CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Ultra2 SCSI interface	CN15
ATX power connector	ATX	Ultra2 SCSI interface	CN16

PS/2 mouse port	CN1	IR connector	CN18
USB port 1	CN2	System fan power	CN19
USB port 2	CN3	SB-link connector	CN20
Parallel port	CN4	Power-on-ring connector	JP1
Serial port 1	CN5	Wake-on-LAN connector	JP4
Serial port 2	CN6	Green PC connector	JP4A
Power supply fan	CN7	IDE interface LED	JP4B
CPU fan power	CN8	Power LED	JP4C
IDE interface 2	CN10	Power switch	JP4D
IDE interface 1	CN11	Green PC LED	JP4E
Floppy drive interface	CN12	Reset switch	JP4F
Ultra SCSI interface	CN13	PC speaker	JP4G
Ultra SCSI Wide interface	CN14	32-bit PCI slots	PC1 - PC4

USER CONFIGURABLE SETTINGS			
Function		Label	Position
»	Keyboard power on disabled	JP2	Pins 2 & 3 closed
	Keyboard power on enabled	JP2	Pins 1 & 2 closed
»	System bus speed set to 100MHz	JP3	Pins 1 & 2 closed
	System bus speed set to 133MHz	JP3	Pins 2 & 3 closed
	Onboard Spread Spectrum set to Down Spread	JP6	Closed
	Onboard Spread Spectrum set to Center Spread	JP6	Open
»	Onboard PCI SCSI functions enabled	JP10	Pins 1 & 2 closed
	Onboard PCI SCSI functions disabled	JP10	Pins 2 & 3 closed
»	Onboard PCI SCSI LED enabled	JP17	Pins 2 & 3 closed
	Onboard PCI SCSI LED disabled	JP17	Pins 1 & 2 closed

DIMM CONFIGURATION

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	(1) 1M x 64	(1) 1M x 64	(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	(1) 2M x 64	(1) 2M x 64	(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	(1) 4M x 64	(1) 4M x 64	(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	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 32M x 64	None	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	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
512MB	(1) 64M x 64	None	None	None
528MB	(1) 32M x 64	(1) 32M x 64	(1) 1M x 64	(1) 1M x 64
544MB	(1) 32M x 64	(1) 32M x 64	(1) 2M x 64	(1) 2M x 64
576MB	(1) 32M x 64	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64
640MB	(1) 32M x 64	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
768MB	(1) 32M x 64	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64
1024MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
1024MB	(1) 64M x 64	(1) 64M x 64	None	None
1040MB	(1) 64M x 64	(1) 64M x 64	(1) 1M x 64	(1) 1M x 64
1056MB	(1) 64M x 64	(1) 64M x 64	(1) 2M x 64	(1) 2M x 64
1088MB	(1) 64M x 64	(1) 64M x 64	(1) 4M x 64	(1) 4M x 64
1152MB	(1) 64M x 64	(1) 64M x 64	(1) 8M x 64	(1) 8M x 64
1280MB	(1) 64M x 64	(1) 64M x 64	(1) 16M x 64	(1) 16M x 64
1536MB	(1) 64M x 64	(1) 64M x 64	(1) 32M x 64	(1) 32M x 64
1536MB	(1) 64M x 64	(1) 64M x 64	(1) 64MB x 64	None
2048MB	(1) 64M x 64	(1) 64M x 64	(1) 64MB x 64	(1) 64MB x 64
Note: Board supports SDRAM memory.				

CPU SPEED SELECTION (PENTIUM)						
CPU speed	Clock speed	Multiplier	SW1/1	SW1/2	SW1/3	SW1/4
400MHz	100MHz	4x	On	On	Off	Off
450MHz	100MHz	4.5x	Off	On	Off	On
500MHz	100MHz	5x	On	Off	Off	On

550MHz	100MHz	5.5x	Off	Off	Off	On
600MHz	100MHz	6x	On	On	On	Off
650MHz	100MHz	6.5x	Off	On	On	Off

CPU SPEED SELECTION (PENTIUM CONT)						
CPU speed	Clock speed	Multiplier	SW1/5	SW1/6	SW1/7	SW1/8
400MHz	100MHz	4x	Off	Off	Off	Off
450MHz	100MHz	4.5x	Off	Off	Off	Off
500MHz	100MHz	5x	Off	Off	Off	Off
550MHz	100MHz	5.5x	Off	Off	Off	Off
600MHz	100MHz	6x	Off	Off	Off	Off
650MHz	100MHz	6.5x	Off	Off	Off	Off

CPU VOLTAGE SELECTION					
Voltage	JP11	JP12	JP13	JP14	JP15
Auto	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2
2.5V	2 & 3	1 & 2	2 & 3	1 & 2	1 & 2
2.7V	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2
3.0V	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2
3.3V	1 & 2	1 & 2	2 & 3	2 & 3	1 & 2
Note: Designated pins should be in the closed position Note: These settings should only be changed by experienced technicians					