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Applicable for PowerSpec models: 1660, 1661R, 1800, 1810 1880, 2000

P5GX-LG System Board

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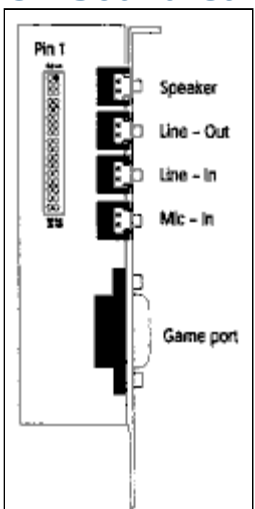[GX Sound Card connectors](#)

Memory Installations

The following table shows several possible memory combinations. The P5GX-LG system board supports from 2-128MB of 72-pin EDO memory, 70ns or faster. Memory may be installed in any combination as long as SIMM memory modules must be installed in pairs, and the pairs have the same specifications, including parity/non-parity, access speed, and physical configuration. SIMMs must have a "low profile" to clear the card slots. If installing only two SIMMs, the memory must be installed in sockets SIMM1/SIMM2.

Bank 0		Bank 1		Total system memory installed
SIMM 1	SIMM 2	SIMM 3	SIMM 4	Size
1MB	1MB	-	-	2MB
4MB	4MB	-	-	8MB
8MB	8MB	-	-	16MB
8MB	8MB	8MB	8MB	32MB
16MB	16MB	64MB	64MB	40MB
32MB	32MB	128MB	128MB	128MB (maximum supported)
64MB	64MB	-	-	128MB (maximum supported)

Connector Table

Connector	Function	Description
J1	Floppy Drive Controller	34-Pin connector connects to 2-device cable; End device is A:, middle device is B:
J3	IR port header	Connects to optional infrared module cable
J4	Primary IDE	40-pin connector connects to supplied 2-device cable; Primary Master / Slave devices via supplied cable
J5	External PS/2 Keyboard Port	Connects to PS/2 Keyboard (or AT keyboard with adapter)
J6	Secondary IDE	40-pin connector connects to supplied 2-device cable; Secondary Master / Slave devices via supplied cable
J7	External PS/2 Mouse Port	Connects to PS/2 Mouse or other pointing device
J8	12-pin AT Power Conenctor	Connects to power supply leads P8 and P9
J9	Serial port #1	db-9 male serial connector, can be configured COM1, COM3, or disabled
J11	Case features connector	Connections to front panel case features: • Pins 1-2: "Power ON" LED • Pins 3-4: Suspend LED • Pins 5-6: Hard Disk Access LED • Pins 7-8: Suspend Switch • Pins 9-10: Reset Switch
J12	Serial port #2	db-9 male serial connector, can be configured COM2, COM4, or disabled
J13	Case Speaker	Connects to case-mounted speaker
J14	External Parallel Port	db-25 female parallel port connector, can be configured to in various modes via CMOS Setup
J15	CD Audio In	Connects to CD-Audio Out connector on CD ROM drive
J16	Audio Header	Connects to external sound card connections, including Joystick, Microphone in, Line in, Line out, and Speakers. Audio card does not support full midi functions
P1	External VGA port	Standard hd-15 female connector; VGA video out
SLOT1	Riser Card Slot	Slot for expansion slot riser card with ISA and PCI expansion slots

GX Sound Card connectors