The following lists the chief features of the super I/O card installed on your mainboard:

- Compatible with IBM PC AT/XT disk drive systems
- Up to two 3.5" 720KB/1.44MB or 5.25" 360KB/1.2MB floppy disk drives support
- Up to two embedded hard disk drives (IDE AT bus) support
- Two fully programmable serial ports and one parallel port support
- Game port support

I/O Card Layout

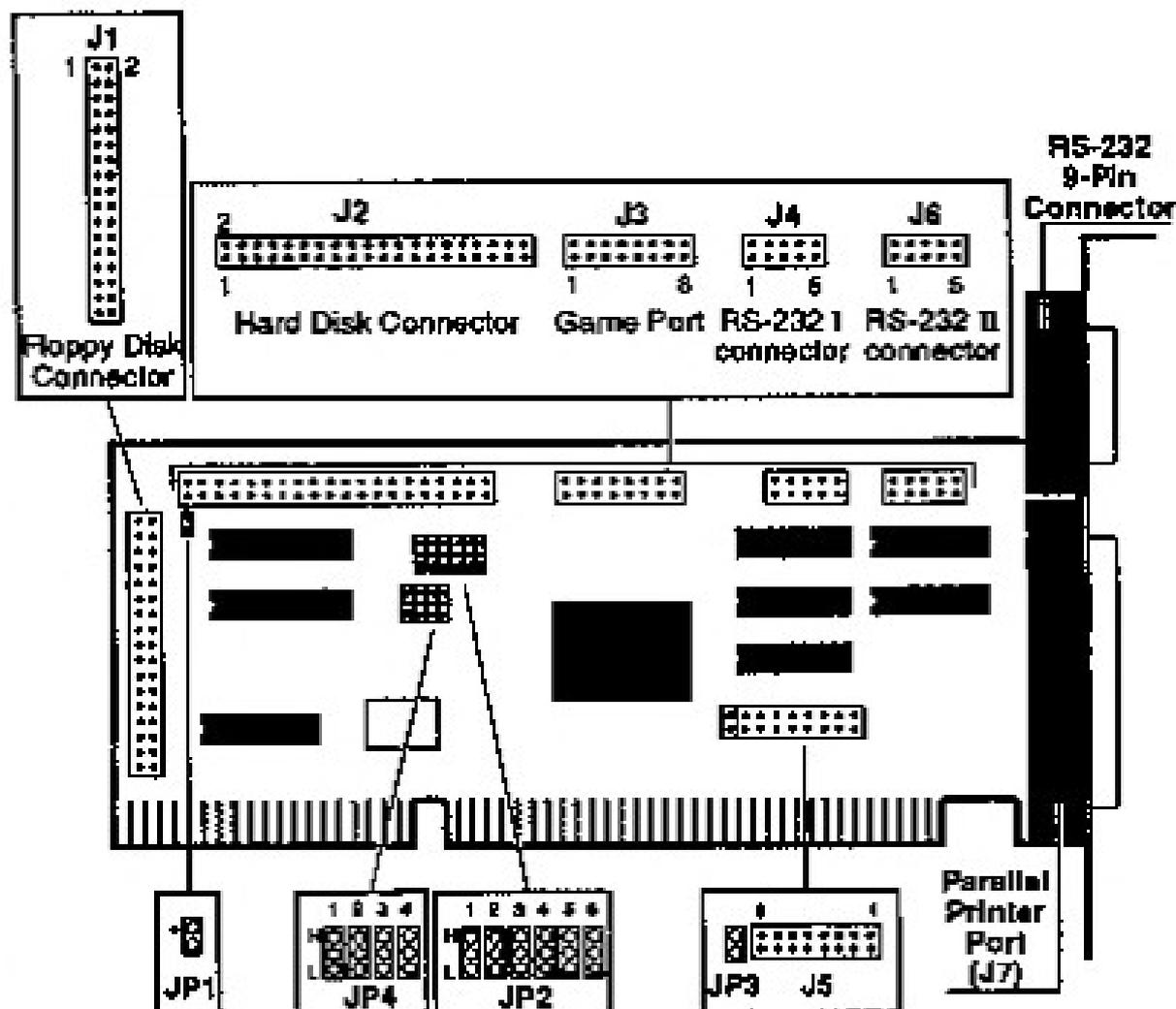The illustration below will familiarize the user with the layout of the super I/O card and its onboard ports.

Figure 6-8: I/O Card Layout

Jumpers and Connectors

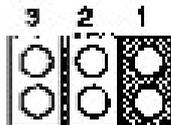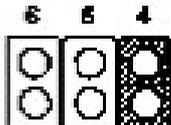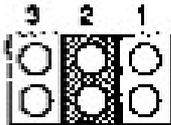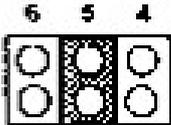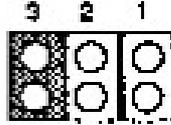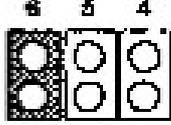The following describes the jumpers and connectors of the I/O card.
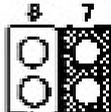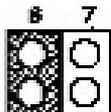
J1 — 34-pin FDC connector

J2 — 40-pin IDE HDD connector

J3 — 16-pin joystick connector

J4 — 10-pin RS232-I connector

J5 — This jumper selects I/O port IRQ signal to HOST as follows:

J5 (1-3)	Serial port I	J5 (4-6)	Serial port II
	IRQ4 (default)		IRQ3 (default)
	IRQ3		IRQ4
	IRQ5		IRQ5

J5 (7-8)	Parallel printer port
	IRQ7 (default)
	IRQ5

J6 — 10-pin RS232-II connector

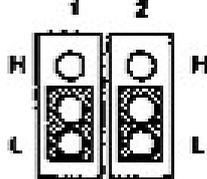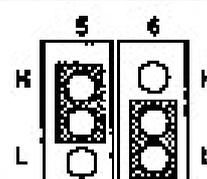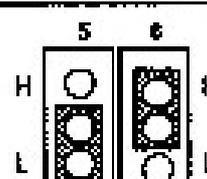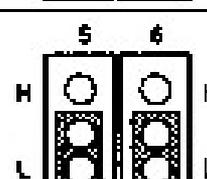**J7** — 25-pin D-type printer connector

JP1 — This jumper is connected to an external LED activity indicator.

JP2 — This jumper selects I/O port addresses as follows:

JP2(1-2)	Serial port I	JP2(3-4)	Serial port II
	COM 1 (3F8h) (default)		COM 2 (2F8h) (default)
	COM 3 (3E8h)		COM 3 (3E8h)
	COM 4 (2E8h)		COM 4 (2E8h)
	disable		disable
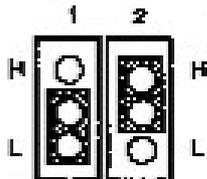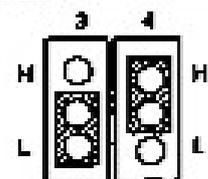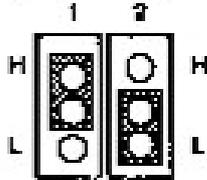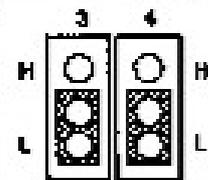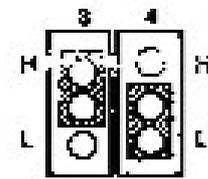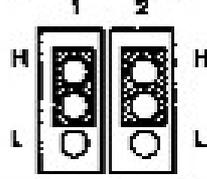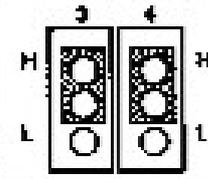
JP2(5-6)	Printer Port
	LPT 1 (378h) (default)
	LPT 2 (278h)
	LPT 3 (3BCh)
	disable
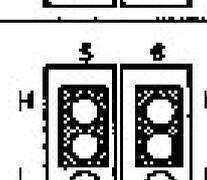
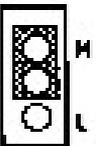**JP3** — It is shorted for enabling the printer port to be an output only port. It is opened to enable the printer port as an input or output port. In this case, direction is controlled by printer control register as follows:
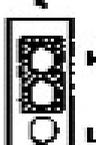
JP3	Printer port function
	output (default)
	input/output

JP4 — This jumper selects FDC/HDC port addresses as follows:

JP4-1	Hard disk address selection
	3F6-3F7 , 1F0-1F7 (default)
	376-377 , 170-177
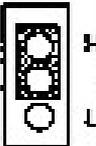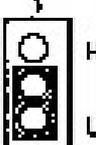
JP4-2	IDE hard disk
	enable (default)
	disable

JP4-3	Floppy disk address selection
	3F0-3F7 (default)
	370-377

JP4-4	Floppy disk drive
	enable (default)
	disable