CARD LAYOUT

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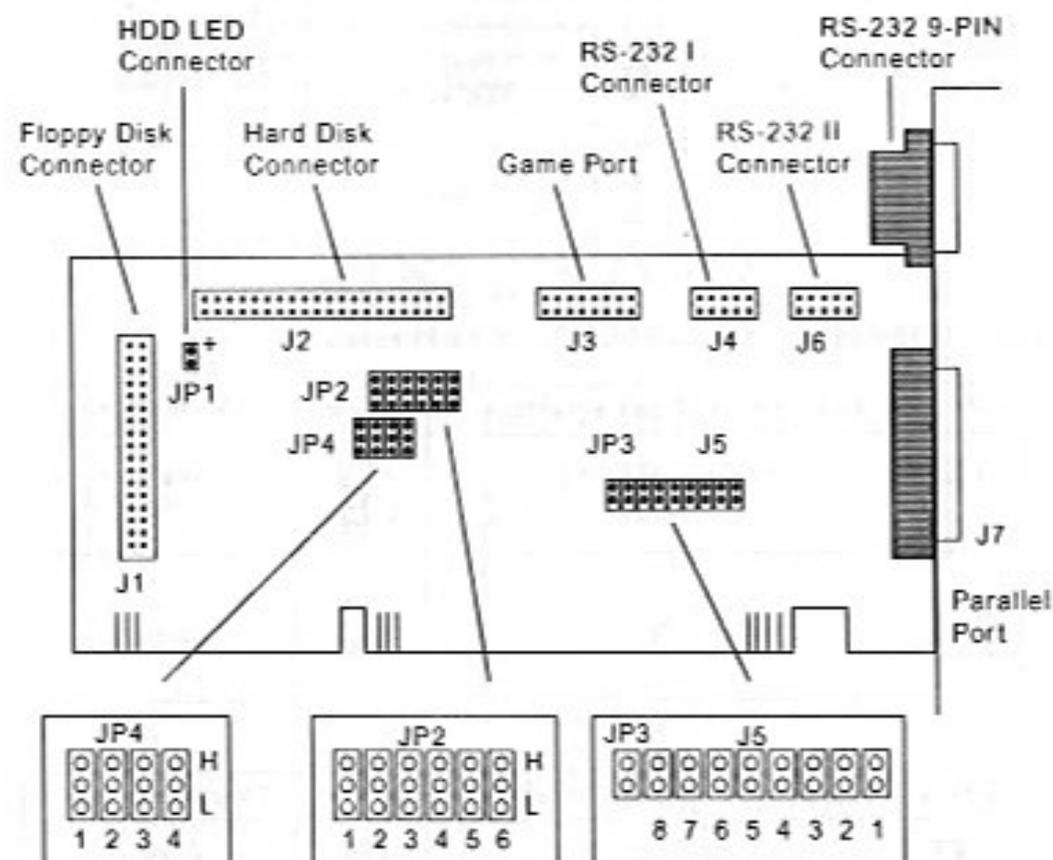

Fig 1 I/O Card Layout

JUMPERS AND CONNECTORS

The following decribes the jumpers and connectors of the super I/O card.

J1 -- This is a 34-pin FDC connector.

J2 -- This is a 40-pin IDE HDD connector.

J3 -- This is a 16-pin Joystick connector.

J4 -- This is a 10-pin RS232-I connector.

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

J5 (1-3)	Serial port I
3 2 1	IRQ 4 (default)
3 2 1	IRQ 3
3 2 1	IRQ 5

J5 (4-6)	Serial port II
6 5 4	IRQ 3 (default)
6 5 4	IRQ 4
6 5 4	IRQ 5

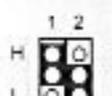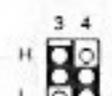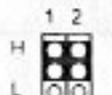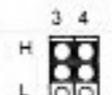| J5 (7-8)	Parallel printer port
8 7	IRQ 7 (default)
8 7	IRQ 5

Fig. 2 J5 I/O Port IRQ Signals

J6 -- This is a 10-pin RS232-II connector.

J7 -- This is a 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:

JP3 -- It is shorted for enabling the printer port to be an output only port. If in case of open, it is for enabling the printer port to be an input or output port. In this case, direction is controlled by printer control register as follows:

JP3	Printer port function
	output (default)
	input
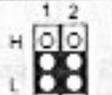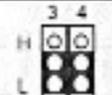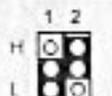
JP2 (1-2)	Serial port I
	COM 4 (2E8h)
	COM 1 (3F8h) (default)
	COM 3 (3E8h)
	disabled

JP2 (3-4)	Serial port II
	COM 3 (3E8h)
	COM 2 (2F8h) (default)
	COM 4 (2E8h)
	disabled

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
	enabled (default)
	disabled

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

JP4-4	Floppy disk drive
	enabled (default)
	disabled
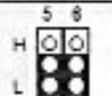
JP2 (5-6)	Printer port
	LPT 3 (3BCh)
	LPT 2 (278h)
	LPT1 (378h)
	disabled
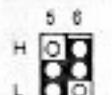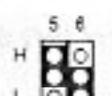
Fig 3 JP2 I/O Port Addresses

Fig 4 JP4 FDC/HDC Port Addresses