

SUPER IDE I/O CARD **(2S, 1P, 1G)**

PT-606

USER'S MANUAL

Before installing this SUPER IDE I/O CARD
Please read this manual completely and retain it for future reference



Recycled Paper

1. INTRODUCTION

1.1 OVERVIEW

The PT-606 is a powerful 16-bit IDE I/O Card for your IBM PC/AT personal computer. It provides a complete solution for the connection of your personal computer system and other internal and external devices.

1.2 GENERAL SPECIFICATION & FEATURES

The PT-606 contains two serial ports, one parallel port, one game port, floppy disk driver and IDE hard disk controller. All the ports and controller can be enabled or disabled.

- Supports maximum 2 IDE hard disk (daisy chained)
- Supports maximum 2 Floppy disk drivers (360K / 1.2M / 720K / 1.44M)
- 2 serial communication ports (COM1 / COM3 , COM2 / COM4)
- 1 parallel printer port (LPT1 / LPT2)
- 1 game port for joystick

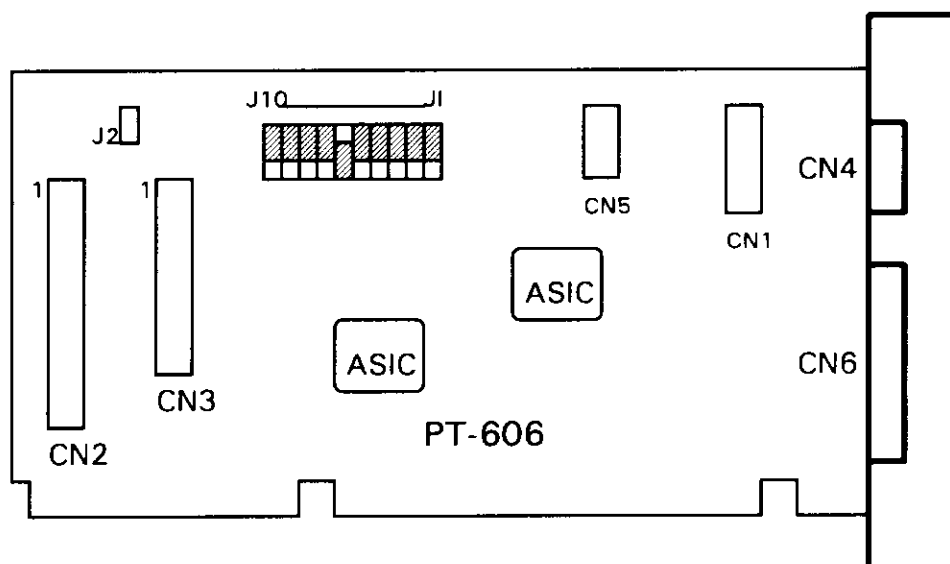
1.3 CHECK LIST

Contents of PT-606 package includes the following :

- PT-606 IDE I/O card
- One dual floppy disk driver cable
- One IDE hard disk cable
- One DB-15 game cable
- One DB-25 serial cable
- One metal bracket for the DB-15 & DB-25 cables

If any of the above parts are missing, please contact your local dealer immediately.

2. LAYOUT OF PT-606



2.1 CONNECTORS OF PT-606

- CN1 : Game port connector
- CN2 : IDE hard disk controller
- CN3 : Floppy disk driver controller
- CN4 : Serial communication port COM1 / COM3 connector
- CN5 : Serial communication port COM2 / COM4 connector
- CN6 : Parallel printer port connector
- J2 : Hard disk LED indicator connector

3. JUMPER SETTING

3.1 FLOPPY DISK DRIVER CONTROLLER

The floppy disk driver controller can be enabled or disabled with jumper JP9.

JP9	1-2	ENABLE *
	2-3	DISABLE

3.2 IDE HARD DISK CONTROLLER

The IDE hard disk controller can be enabled or disabled with jumper JP6 and JP10.

JP6	1-2	DISABLE
	2-3	ENABLE *
JP10	1-2	EXIST *
	2-3	NOT EXIST

3.3 PARALLEL PRINTER PORT

The parallel port can be assigned as LPT1 or LPT2, or even can be disabled with jumper JP1 and JP8.

PRINTER PORT	ADDRESS	JP1	JP8
LPT 1 *	378	1-2	1-2
LPT 2	278	1-2	2-3
DISABLE LPT 1	----	2-3	1-2
DISABLE LPT 2	----	2-3	2-3

3.4 GAME PORT

The game port can be enabled or disabled with jumper JP7

JP7	1-2	ENABLE *
	2-3	DISABLE

3.5 SERIAL COMMUNICATION PORT

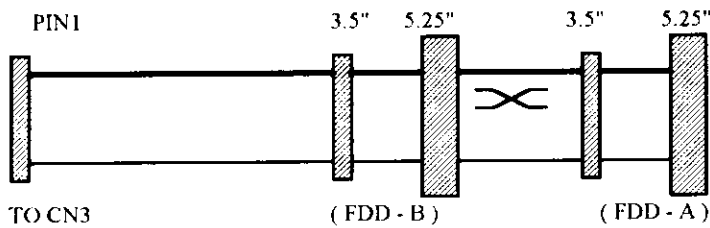
The primary and secondary serial communication ports of PT-606 can be assigned as COM1 / COM3, COM2 / COM4 and even to disable COM1 / COM3 or COM2 / COM4.

* = default setting

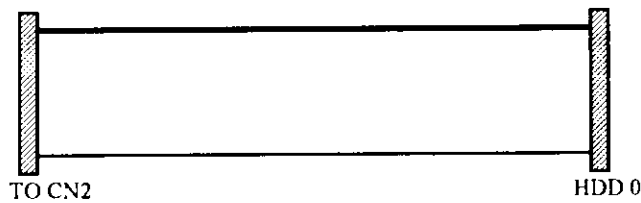
SERIAL 1	SERIAL 2	ADDRESS	JP2	JP3	JP4	JP5
COM 1 *	COM 2 *	3F8 / 2F8	1-2	1-2	1-2	1-2
COM 1	COM 4	3F8 / 2E8	1-2	2-3	1-2	1-2
COM 3	COM 2	3E8 / 2F8	1-2	1-2	2-3	1-2
COM 3	COM 4	3E8 / 2E8	1-2	2-3	2-3	1-2
COM 1	DISABLE	3F8 -----	2-3	1-2	1-2	1-2
COM 1	DISABLE	3F8 -----	2-3	2-3	1-2	1-2
COM 3	DISABLE	3E8 -----	2-3	1-2	2-3	1-2
COM 3	DISABLE	3E8 -----	2-3	2-3	2-3	1-2
DISABLE	COM 2	----- 2F8	1-2	1-2	1-2	2-3
DISABLE	COM 4	----- 2E8	1-2	2-3	1-2	2-3
DISABLE	COM 2	----- 2F8	1-2	1-2	2-3	2-3
DISABLE	COM 4	----- 2E8	1-2	2-3	2-3	2-3
DISABLE	DISABLE	----- -----	2-3	1-2	1-2	2-3
DISABLE	DISABLE	----- -----	2-3	2-3	1-2	2-3
DISABLE	DISABLE	----- -----	2-3	1-2	2-3	2-3
DISABLE	DISABLE	----- -----	2-3	2-3	2-3	2-3

4. CABLE CONNECTION

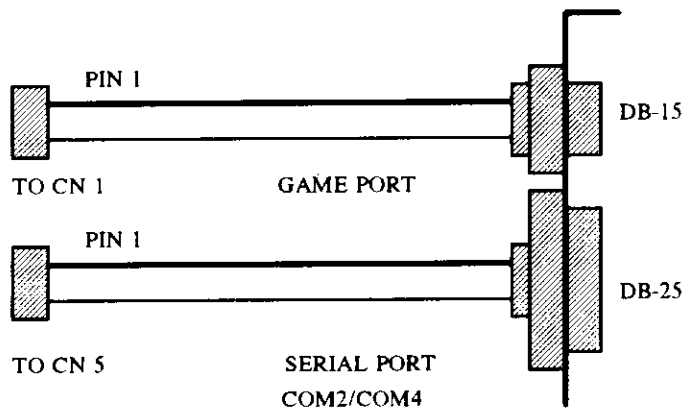
4.1 34 WAY DUAL FLOPPY DISK DRIVER CABLE



4.2 40 WAY IDE HARD DISK CABLE



4.3 METAL BRACKET WITH DB-15 & DB-25 CABLES



* = default setting

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