

Specification :

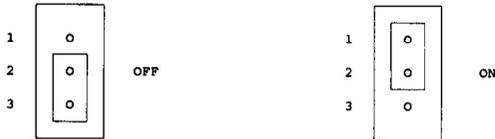
- One printer port
- 2 serial port : COM1 and COM2
- 1 game port
- Selectable printer port : LPT1 , LPT2 or LPT3
- IDE controller interface for 2 hard disks
- Floppy disk controller for 2 floppy disk drivers
(support 360K, 720K, 1.2M and 1.44M floppy disk)
- One " HARD DISK BUSY " LED connector
- All function can be enabled or disabled except IDE controller

Connector Name :

- ASYN1 : SERIAL 1 CONNECTOR
- ASYN2 : SERIAL 2 CONNECTOR
- FLOPPY : FLOPPY DISK CONNECTOR
- IDE : IDE HARD DISK CONNECTOR
- GAME : GAME PORT CONNECTOR
- PRINTER : PRINTER CONNECTOR
- LED : 'HARD DISK BUSY' LED CONNECTOR

Jumpers Setting :

JUMPER DEFINITION :



FLOPPY SUPPORT :

JP7	
ON	SUPPORT 2 FLOPPY
OFF	RESERVED

FLOPPY ENABLE :

JP6	FLOPPY
ON	ENABLE
OFF	DISABLE

ASYN PORT SETTING :

JP3	JP4	JP5	ASYN1	ASYN2
ON	ON	ON	COM1	COM2
ON	ON	OFF	COM2	COM1
ON	OFF	ON	COM1	DISABLE
ON	OFF	OFF	COM2	DISABLE
OFF	ON	ON	DISABLE	COM2
OFF	ON	OFF	DISABLE	COM1
OFF	OFF	ON	DISABLE	DISABLE
OFF	OFF	OFF	DISABLE	DISABLE

REMARK : COM1 = 3F8H , COM2 = 2F8H

PRINTER PORT SETTING :

JP1	JP2	PRINTER
ON	ON	LPT2 (378H)
OFF	ON	LPT1 (38CH)
ON	OFF	LPT3 (278H)
OFF	OFF	DISABLE

Install hard disk and floppy drives :

WARNING : TURN OFF THE POWER SUPPLY BEFORE START INSTALLATION

1. connect 40 pins flat cable connector into " IDE " connector
(make sure that the direction is correct ; red color is corresponding to pin 1 of header)
2. Connect the other end to IDE hard drive in correct direction
3. Connect hard disk indicator socket to " LED " jumper
4. Connect the power cable to IDE hard drive's power socket
5. Connect 34 pins flat cable connector into " FLOPPY " connector
6. Connect the other ends (34 pins edge connector) to floppy drive
(Twisted end is for drive A and the second one is for drive B)
7. Connect the power cable to floppy drive(s)

Set up CMOS for disk type

1. Use BIOS CMOS SETUP or AT DIAGNOSTIC program to set the correct floppy and hard drive type
2. Physical and Logical formatting of the hard disk must be done for new drive.
(For detail method, please consult the drive supplier)

Note : incorrect drive type setting will report a message of " drive error " or / and damage the drive

Location of ports:

- Game port : 200H-207H
- Printer port : LPT1 : 38CH
LPT2 : 378H
LPT3 : 278H
- Asyn 1 port : COM1 : 3F8H-3FFH , INT=IRQ4
- Asyn 2 port : COM2 : 2F8H-3FFH , INT=IRQ3
- Drives port : 1F0H-1F7H

Remark : For further programming and technical information, please refer to the XT and AT Technical Reference Manual.

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Operating Instructions

JUMPER DEFINITION



FLOPPY SUPPORT

JP7	FLOPPY
ON	SUPPORT 2 FLOPPY
OFF	RESERVED

FLOPPY ENABLE

JP6	FLOPPY
ON	ENABLE
OFF	DISABLE

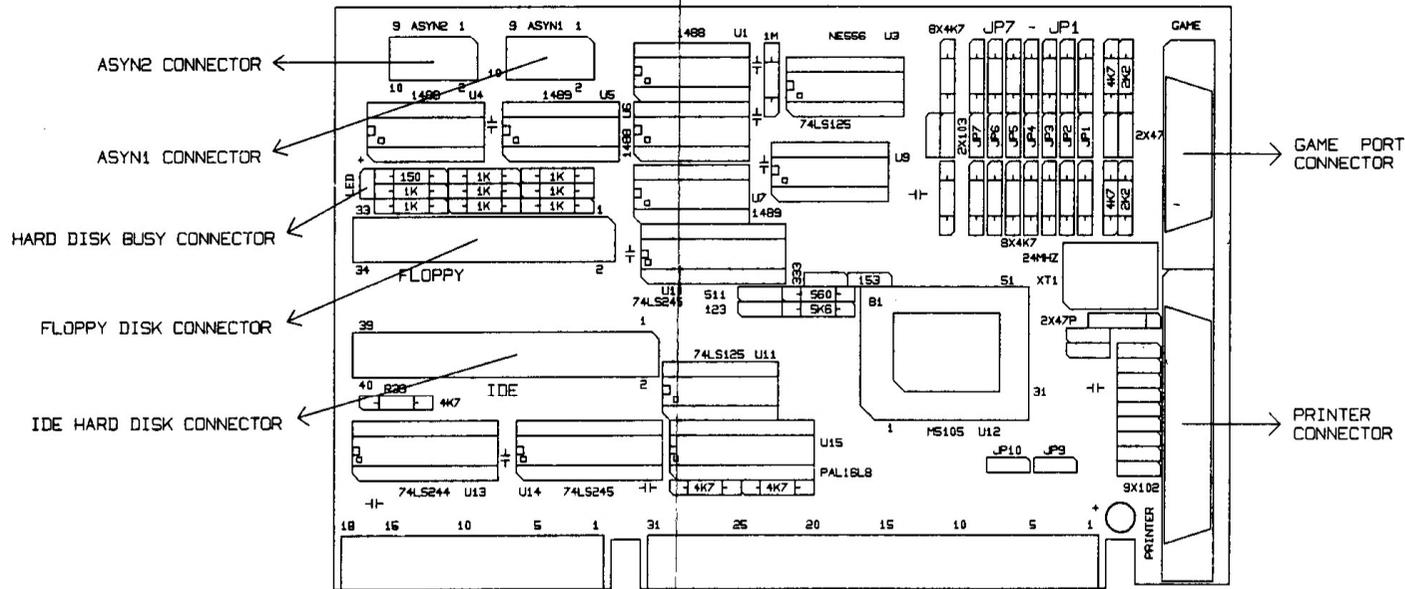
ASYN PORT SETTING

JP3	JP4	JP5	ASYN1	ASYN2
ON	ON	ON	COM1	COM2
ON	ON	OFF	COM2	COM1
ON	OFF	ON	COM1	DISABLE
ON	OFF	OFF	COM2	DISABLE
OFF	ON	ON	DISABLE	COM2
OFF	ON	OFF	DISABLE	COM1
OFF	OFF	ON	DISABLE	DISABLE
OFF	OFF	OFF	DISABLE	DISABLE

REMARK COM1 : (3F8) & COM2 : (2F8)

PRINTER PORT SETTING

JP1	JP2	PRINTER
ON	ON	LPT2 (378)
OFF	ON	LPT1 (3BC)
ON	OFF	LPT3 (278)
OFF	OFF	DISABLE



IDE PLUS-V2

IDE MULTI FUNCTION CARD

KT-IDE PLUS-V2

Before operating this unit, please read these instructions completely and retain it for future reference.