

**INTRODUCTION :**

The AT I/O Card, it can used by all personal computer which are in compatible with 16 BIT personal computer or IBM PC. It provides your system 3 majors function:

- 1) PARALLEL PRINTER PORT (LPT1,LPT2)
- 2) 2 SERIAL COMMUNICATION PORT (COM1, COM2, COM3, COM4)
- 3) GAME ADAPTER

**JUMPER'S CONFIGURATION**

**1. GAME (JP5)**

2	close is enable
1	
2	open is disable
1	

**2. PRINTER (JP4)**

2	4	6	LPT1 is enable
1	3	5	
4	6	8	LPT2 is enable
3	5	7	

2 4 6 8  
all open is disable  
1 3 5 7

**3. ASYN1 (JP6):**

2	4	6	8	10	12	14	COM1 is enable
1	3	5	7	9	11	13	
2	4	6	8	10	12	14	COM3 is enable
1	3	5	7	9	11	13	
2	4	14	open is disable				
1	3	13					

**2. ASYN 2 (JP6) :**

6	8	10	12	COM 2 is enable
5	7	9	11	
8	10	12	COM 4 is enable	
7	9	11		
6	8	10	12	all open disable
5	7	9	11	

**LOCATION OF PORT :**

Game Adapter : &H200  
 Printer Port : &H378 , INT = IRQ7  
                   : &H278 , INT = IRQ5  
 ASYN 1 : COM1: = &H3F8 , INT = IRQ4  
           : COM3: = &H3E8 , INT = IRQ4  
 ASYN 2 : COM2: = &H2F8 , INT = IRQ3  
           : COM4: = &H2E8 , INT = IRQ3

**Pin Assignments of Port :**

**ASYN. Port  
(ASYN1 & ASYN2)**

Pin 1 : CARRIER DEP.  
 Pin 2 : RX DATA  
 Pin 3 : TX DATA  
 Pin 4 : EIA DTR  
 Pin 5 : GROUND  
 Pin 6 : EIA DSR  
 Pin 7 : EIA RTS  
 Pin 8 : EIA CTS  
 Pin 9 : RING IDC  
 Pin 10: NOT USED

**PRINTER PORT**

Pin 1 : STROBE  
 Pin 2 : DATA BIT 0  
 Pin 3 : DATA BIT 1  
 Pin 4 : DATA BIT 2  
 Pin 5 : DATA BIT 3  
 Pin 6 : DATA BIT 4  
 Pin 7 : DATA BIT 5  
 Pin 8 : DATA BIT 6  
 Pin 9 : DATA BIT 7  
 Pin 10: ACK.  
 Pin 11: BUSY  
 Pin 12: P. END  
 Pin 13: SELECT  
 Pin 14: AUTO FEED  
 Pin 15: ERROR  
 Pin 16: INIT  
 Pin 17: SEL. INPUT  
 Pin 18-25 : GROUND