

Installing PCM-3643 (Windows XP)

Hardware Setup

1. Setup 8 COM ports sharing IRQ5 & 10
Refer to page 4 & 6 of "PCM-3643 Startup Manual"

S1	7	8
	OFF	ON

Set card to use JP2's IRQ for COM14 and JP3's IRQ for COM58

Bit	1	2	3	4	5	6	7	8
IRQ	3	4	5	7	8	10	11	12
JP2		X						
JP3					X			

Now COM1-4 is setup to share IRQ5 and COM5-8 is setup to share IRQ10

2. Set the I / O Address to 208H-20FH
Refer to page 5 of "PCM-3643 Startup Manual"

S2	1	2	3	4	5	6
	OFF	ON	ON	ON	ON	ON

3. Set PCM-3643 to Enhance Mode
Refer to page 4 of "PCM-3643 Startup Manual"

S1 (Switch 6) -> OFF = Enhance Mode

4. Do not change the vector address settings
Refer to page 3 of "PCM-3643 Startup Manual"

S1	1	2	3	4	5
280H	ON	ON	ON	OFF	ON

BIOS Setup

1. CONFIRM IRQ5 & 10 ARE AVAILABLE!!!
2. Set IRQ5 & 10 to be "Legacy ISA" in the BIOS
3. Disable all onboard COM ports in the BIOS

Operating System Setup (Windows XP)

1. Enter the control panel and double click "Add Hardware" and click Next
2. Choose "Yes, I have already connected the hardware" and click Next
3. Choose "Add a new hardware device" and click Next
4. Choose "Install the hardware I manually select from a list" and click Next
5. Choose "Ports (COM & LPT)" and click Next
6. Choose "Communication Port" in the Models window and click Next
7. Click Next
8. Choose "View or Change resources for this hardware"
9. Choose "Set Configuration manually"
10. Change "Settings based on" to "Basic Configuration 0008"
11. Double click on "I / O Range" and set it based on the following table

Port	I / O Range	IRQ
Port 1	0208H – 020FH	5
Port 2	0210H – 0217H	5
Port 3	0218H – 021FH	5
Port 4	0220H – 0227H	5
Port 5	0228H – 022FH	10
Port 6	0230H – 0237H	10
Port 7	0238H – 023FH	10
Port 8	0240H – 0247H	10

Note: Port 1 on the card may be COM5 on the pc

12. Double click on "IRQ" and set it based on the previous table
 13. Click OK
 14. Click Finish
 15. Do not restart until all 8 ports are configured
 16. Repeat for all 8 COM ports
-