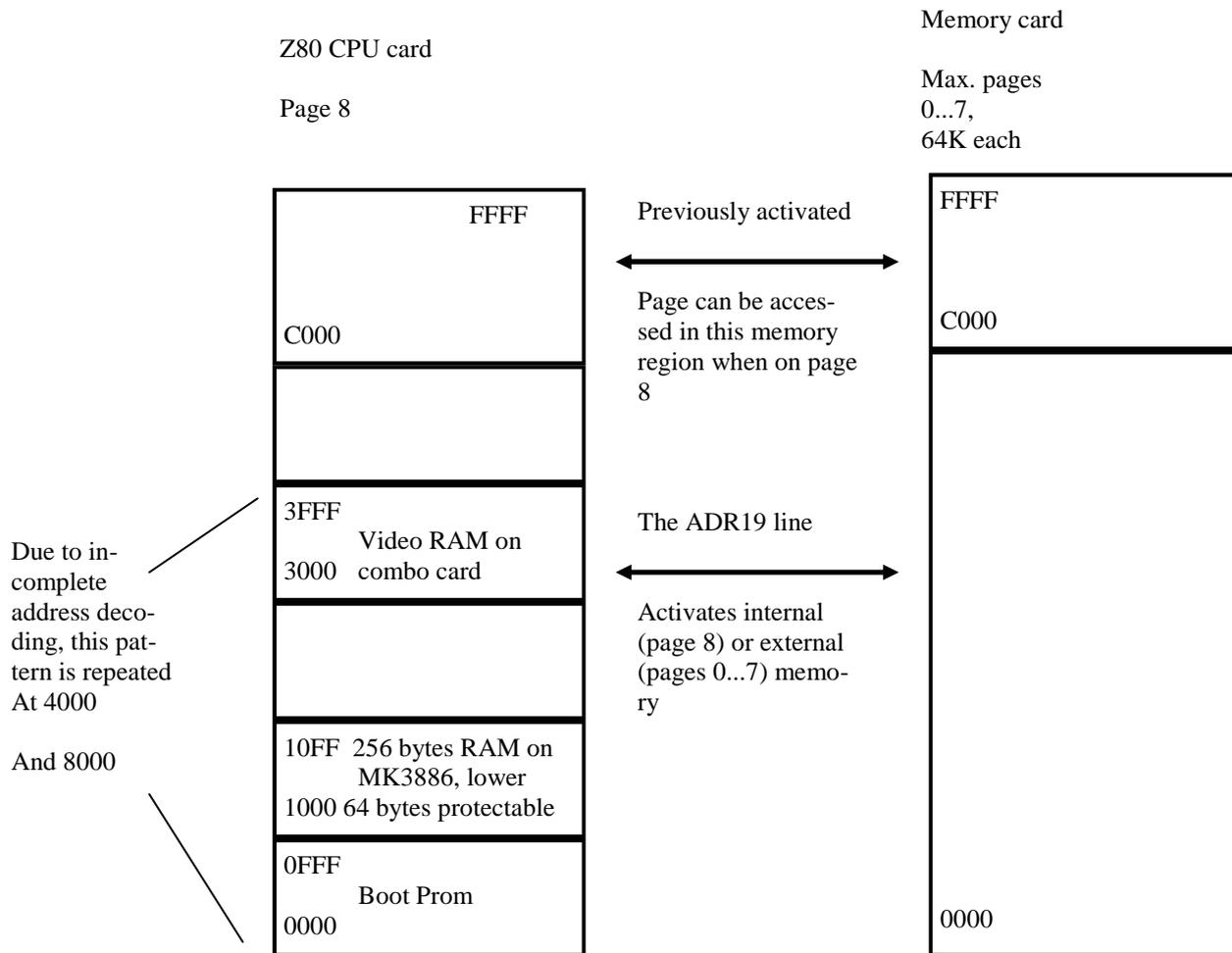


ITT 3030 Memory Map



My actual machine has the Z80 card, the Video/Keyboard combo card, the 256K memory expansion and the Floppy controller card plus two Quad density disk drives.

ITT 3030 I/O Port Map

11	IN 11H	Status Byte	
20...26		5027/9927 Video Control Registers	
2A		Video Timer on	
2B		Scroll Screen	
2E		Video Timer off	
32	OUT (32H),A	Speaker („Horn“)	Bit 0 = 1: on Bit 0 = 0: off
33	OUT (33H),A	Keyboard Caps Lock LED	Bit 0 = 1: on Bit 0 = 0: off
34		Loupe	Bit 0 = 1: on Bit 0 = 0: off
35	IN 35H	Video Sync Signal	Bit 6 = VSYN Bit 7 = BL
35		Combo Card Status register	
40		Read Keyboard FIFO	
50H		Floppy Status/Command Register	
51H		Floppy Track Register	
52H		Floppy Sector Register	
53H		Floppy Data Register	
54H		Card Status/Card Command Register	
CE		Clear Keyboard Error Flag	
CF		Clear Keyboard FIFO	
E5	IN E5H	Status serial port	
E0/E1		Timer A MK3886	
E2/E3/E4		Timer B MK3886	
E5	OUT E5H	Control serial port	
E5	IN E5H	Status of 64 bits MK3886 protectable RAM	Bit 5: 1 = RO Bit 5: 0 = RW
E6,E7		Serial Port Shift Register	
E8		Interrupt Control	
E9		Interrupt Mask	
EA	OUT EAH	Set/clear write protection of 64bits MK3886 RAM	66H: set RW 55H: write, then set RO Anything else: set RO
F0	IN F0H	Serial Input	DSR => Bit 4 CTS => Bit 5
F0	OUT F0	Wait cycle (on on reset)	Bit 0: Command acknowledgement
F1	OUT F1H	Wait cycles	Bit 0: Memory access
F2	OUT F2H	Wait cycles	Bit 0: Port I/O
F3	OUT F3H	Serial Output	Bit 0 => RTS Bit 1 => DTR

F6	OUT F6H	Memory page switch	Page 0: 10H Page 1: 90H Page 2: 50H Page 3: D0H Page 4: 40H Page 5: 50H Page 6: 70H Page 7: F0H Page 8: e.g. 00H