IBM 5160 PC/XT Jumper settings

Jumpers in the E-series marked * are factory settings, and if factory set these will be connected with a trace on the motherboard itself. To change these, the PCB traces across the jumper footprint may need to be cut, and jumper pin-headers should then be installed instead.

Items marked ** are factory settings dependent on the "board version", wether it was sold as a 64K-256K board or a 256K-640K board. 64K-256K came factory-set with the first RAM table, whereas 256K-640K boards came with the second RAM table set from factory.

Burn-in test:

State	SW1/1
Loop POST	on
Normal boot	*off

8087 FPU:

State	SW1/2
Not installed	on
Installed	off

Onboard ROM

State	E1
Enabled	*none
Disabled	1-2

Onboard RAM

Size	E2	E3	E4	SW1/3	SW1/4	U84	Bank 0	Bank 1	Bank 2	Bank 3
64KB	**none	*1-2, *7-8	*1-3	on	on	**N/A	4164	-	-	-
128KB	**none	*1-2, *7-8	*1-3	off	on	**N/A	4164	4164	-	-
192KB	**none	*1-2, *7-8	*1-3	on	off	**N/A	4164	4164	4164	-
256KB	**none	*1-2, *7-8	*1-3	off	off	**N/A	4164	4164	4164	4164
256KB	**1-2	*1-2, *7-8	*1-3	on	on	**74LS158	41256	-	-	-
512KB	**1-2	*1-2, *7-8	*1-3	off	on	**74LS158	41256	41256	-	-
576KB	**1-2	*1-2, *7-8	*1-3	on	off	**74LS158	41256	41256	4164	-
640KB	**1-2	*1-2, *7-8	*1-3	off	off	**74LS158	41256	41256	4164	4164
64KB	3-4	*1-2, *7-8	*1-3	N/A	N/A	**N/A	-	-	-	4164
64KB	3-4	3-4, 5-6	2-4	N/A	N/A	**N/A	Intel 2118	Intel 2118	Intel 2118	Intel 2118
128KB	1-2, 3-4	*1-2, *7-8	*1-3	on	on	**74LS158	41256 (L 1/2)	-	-	-
256KB	1-2, 3-4	*1-2, *7-8	*1-3	off	on	**74LS158	41256 (L 1/2)	41256 (U 1/2)	-	-
384KB	1-2, 3-4	*1-2, *7-8	*1-3	on	off	**74LS158	41256 (L 1/2)	41256 (U 1/2)	41256 (L 1/2)	-
512KB	1-2, 3-4	*1-2, *7-8	*1-3	off	off	**74LS158	41256 (L 1/2)	41256 (U 1/2)	41256 (L 1/2)	41256 (U 1/2)

Bootup video-initialization mode

Card	SW1/5	SW1/6
None/EGA/VGA	on	on
CGA (40x25)	off	on
CGA (80x25)	on	off
MDA	off	off

NOTE:
    MDA must be selected if an IBM 5151 monitor is used!

Floppy disk drives

```
        Nr of Drives    SW1/7   SW1/8
        ----------------------------
        1               on      on
        2               off     on
        3               on      off
        4               off     off
```

8255 port PB2 output

```
        State                       E5
        ----------------------------------
        Keyboard data-line control  1-2
        Spare (exposed on E5/1)     *2-3
```

NTSC Composite color adjust

```
        Component
        ---------
        C1
```