

A jumper is a small, plastic cover that contains metal contacts. Jumpers are placed on small metal pins that protrude from a circuit board, such as the main logic board, an expansion adapter, or a smaller circuit board on a drive.

Jumpers and pins are grouped and labeled as jumper blocks. The main logic board has two-pin and three-pin jumper blocks. Jumpers can be installed, parked, or removed.

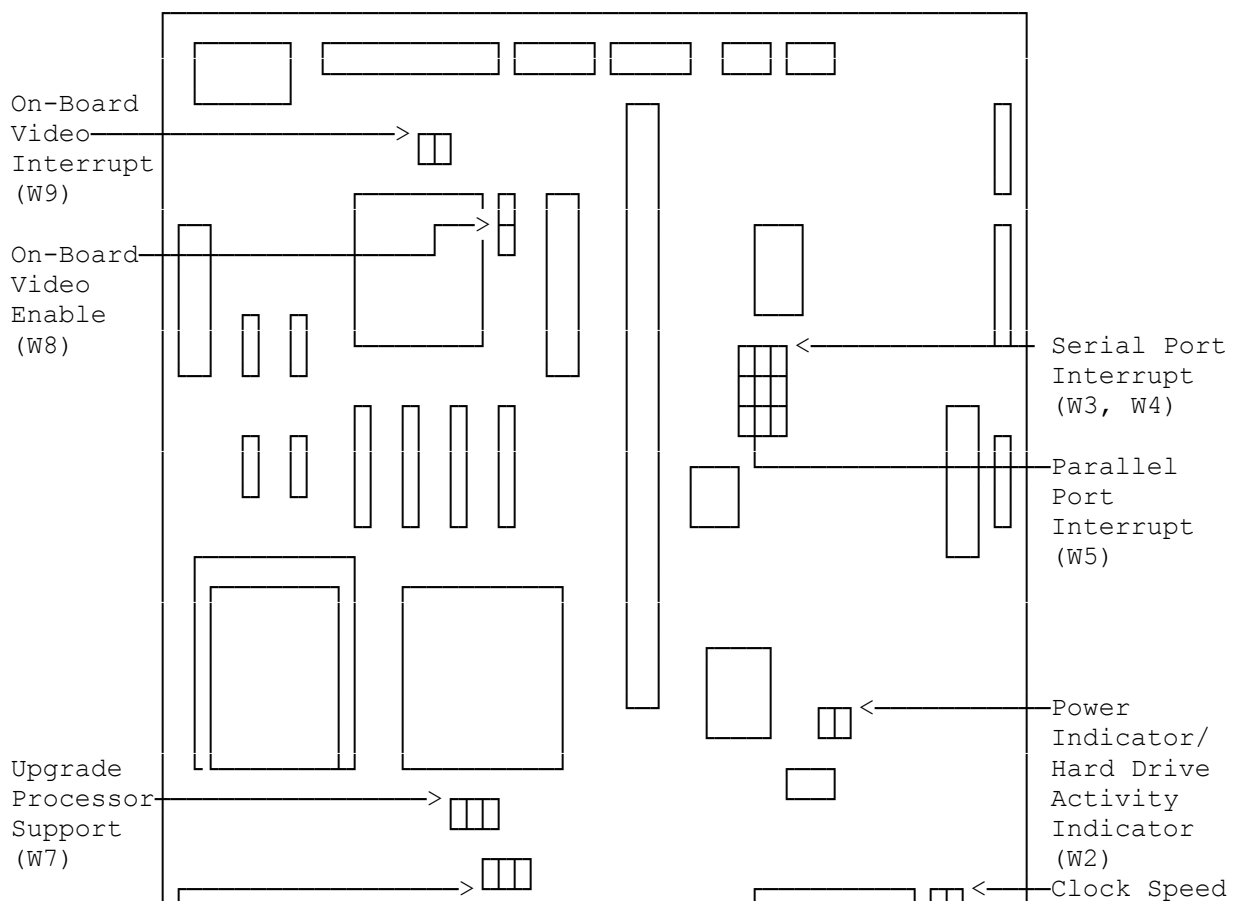
The jumpers on the main logic board are factory set for your computer's base configuration. However, if you install certain hardware options or choose to disable certain system features, you might need to change some jumper settings.

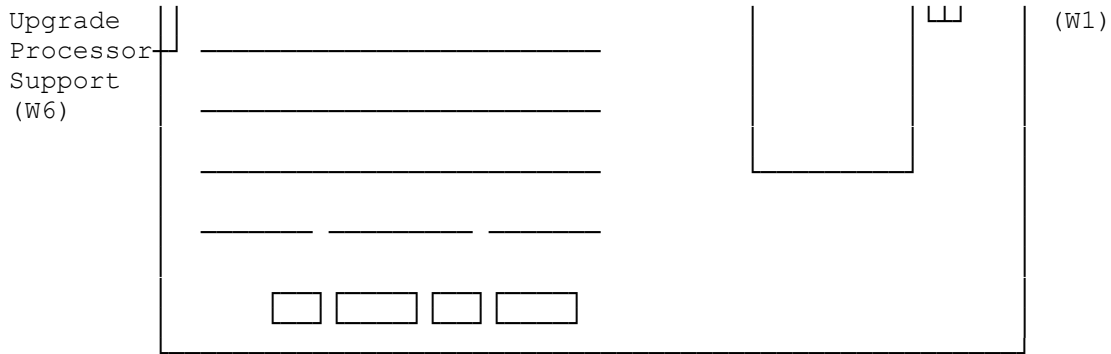
See "Jumper Block Locations" for the locations of the jumper blocks on the main logic board. Refer to "Jumper Settings" for the settings for each jumper.

Caution: Incorrect jumper settings can cause a malfunction or a decrease in performance.

Jumper Block Locations

The following illustration shows the locations of jumper blocks on the main logic board:





Jumper Settings

The following table shows the setting for jumpers on the main logic board. A hyphen between pin numbers indicates that a jumper should be installed to connect those two pins. For example, "1-2" indicates that the jumper should be installed on Pins 1 and 2. An asterisk (*) indicates the default (factory) setting.

Note: Before changing the jumper setting for W1 through W5, open the computer and remove the drive tray. See "Opening the Computer".

Function	Jumpers	Settings	Options
Clock Speed	W1	1-2 Parked*	25MHz/50MHz 33Mhz/66MHz
Power Indicator/ Hard Drive Indicator	W2	1-2 Parked*	Indicator lights when power is on and flashes when hard drive activity occurs. Indicator lights only when power is on.
Serial Port Interrupts	W3 W4	1-2* 2-3 Parked 1-2* 2-3 Parked	COM1 or COM3 selected; IRQ4 enabled. COM3 selected; IRQ11 enabled. Serial port disabled; no interrupt assigned. COM2 or COM4 selected; IRQ3 enabled. COM4 selected; IRQ10 enabled. Serial port disabled; no interrupt assigned.
Parallel Port Interrupt	W5	1-2* 2-3 Parked	IRQ7 enabled. IRQ5 enabled. No interrupt set for parallel port.
Upgrade Processor Support	W6 W7	1-2* 2-3 1-2 2-3*	i486 DX, i486 DX2, ODP, i487 SX, and OverDrive processors supported. i486 SX supported (in performance upgrade socket). i486 SX, i486 DX, i486 DX2, and ODP supported. i487 SX and OverDrive processors supported.

Enable On-Board Video	W8	1-2 2-3*	Disable on-board video. Enable on-board video.
On-Board Video Interrupt	W9	1-2 Parked*	Enable on-board video interrupt. Disable on-board video interrupt.

(smc/jjs 11/04/94)