



# Tech Info Library

## Macintosh IIsi, Macintosh LC: Power Limits & Thermal Shutdown

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### TOPIC -----

What can you tell me about the Macintosh LC and the Macintosh IIsi concerning their power supplies and power ratings for their slots? At what temperature will the thermal shutdown circuits shut down the power supply?

### DISCUSSION -----

The power limit for the NuBus slot in the Macintosh IIsi is 15 watts (the same for any Macintosh II NuBus slot). The power limit for the Direct slot in the Macintosh LC is 4 watts.

Both the Macintosh LC and the Macintosh IIsi have a thermal shutdown circuit which will shut down the power supply in the event of possible overheating from excess power draw. The maximum operating temperature is approximately 105 degrees Fahrenheit.

The Macintosh LC will cycle off-and-on until the temperature reaches a safe operating level (It will make a motorboating sound). At that point, it will resume operation.

In the event of overheating, the Macintosh IIsi acts as if you had chosen Shut Down and will let you power up it up again only when the temperature drops to a safe level. Pressing the keyboard Power On key has no effect in this condition. If the Macintosh IIsi power switch is locked on, it will behave like the Macintosh LC.

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