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## Macintosh II NuBus Card: Heat Dissipation Specifications (10/94)

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Security: Everyone

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TOPIC -----

This article contains Macintosh II NuBus Card heat dissipation specifications for internal and external power supplies.

DISCUSSION -----

If power is supplied only by the Macintosh II power supply, the heat dissipation allowed for Macintosh II NuBus cards is:

- an average of 15W for each of the six cards, or
- 90W overall

If external power is supplied to a card, the input power may exceed the nominal 15W provided by the Macintosh II power supply. In that case, additional information is needed from the external power supply vendor to verify that the total heat to be dissipated does not exceed 90W.

The heat dissipation tolerances given here are based on the need to have no more than a 15-degree Celsius rise over ambient temperature. The Macintosh II power supply is designed to protect the CPU from extremely high temperatures: it shuts down the system if the internal temperature rises above 65 degrees Celsius.

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