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Macintosh IIvx: Why a Sheet Metal Enclosure

Article Created: October 19, 1992

TOPIC -----

Why did Apple select the sheet metal box enclosure for the Macintosh IIvx?

DISCUSSION -----

There are several advantages to the new sheet metal box over the previously used molded plastic.

- Metal is a natural EMI (Electro-magnetic Interference) barrier. On molded plastic systems, expensive coatings must be used on the inside as a shield.
- The longevity of a tool used to fabricate a metal cabinet is 3 times as long as that for a plastic mold.
- The roomier size supports many potential configurations. The front and rear bezels are product-specific but the rest of the container is designed to adapt to several different product designs.

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 10769