



# Tech Info Library

## Macintosh II: Specifications (Discontinued 1/90)

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Security: Everyone

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### TOPIC -----

This articles gives technical specifications for the Macintosh II.

### DISCUSSION -----

#### MICROPROCESSOR

- MC68020, 32-bit architecture, 15.6672MHz clock frequency
- MC68881 floating-point unit (IEEE standards)
- Optional 68851 PMMU (Paged Memory Management Unit)

#### MEMORY

- 1MB RAM, expandable to 68 MB on board; expandable to 2 GB in NuBus slots; 120ns or faster SIMMs.
- 256K ROM

#### DISK DRIVES

- Built-in 800K floppy disk drive; support for one additional 800K floppy disk drive. Support for 1.4MB floppy drive with either Macintosh IIX or Macintosh IIifx upgrade kits.
- Support for one internal SCSI device

#### DISPLAY

- Support for up to six Nubus display cards

#### INTERFACES

- Two mini-circular 8 serial (RS-422) ports
- One DB-25 SCSI port
- Two Apple Desktop Bus ports
- Six NuBus internal slots supporting full 32-bit address and data lines

#### MOUSE

- Apple Desktop Bus Mouse; mechanical tracking, optical shaft, or contact encoding

#### SOUND GENERATOR

- Custom sound chip drives stereo miniature phone jack headphones or stereo equipment.

#### CLOCK/CALENDAR

- Custom chip with long-life lithium battery

#### ELECTRICAL REQUIREMENTS

- Line voltage: 90 to 140 VAC and 170 to 270 VAC, automatically configured
- Frequency: 48 to 62 Hz
- Power: 230 watts, not including monitor power

#### OPERATING ENVIRONMENT

- Operating temperature: 10 to 35 degrees C (50 to 95 degrees F)
- Storage temperature: -40 to 47 degrees C (-40 to 110.6 degrees F )
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 3,048 m (0 to 10,000 ft)

#### SIZE AND WEIGHT

- Main unit
  - Height 14.0 cm (5.5 in)
  - Width 47.4 cm (18.7 in)
  - Depth 36.5 cm (14.4 in)
  - Weight 10.9 kg (24 lbs)\*
- Mouse
  - Height 2.8 cm (1.1 in)
  - Width 5.3 cm (2.1 in)
  - Depth 9.7 cm (3.8 in)
  - Weight .17 kg (6 oz.)

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