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Macintosh IIsi: Specifications (Discontinued 3/93)

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TOPIC -----

This article provides specifications for the Macintosh IIsi.

DISCUSSION -----

MICROPROCESSOR

- MC68030, 32-bit architecture, 20 MHz clock frequency, built-in memory management unit (MMU)

CO-PROCESSOR

- Optional MC68882 Floating-Point Unit (FPU), 20 MHz clock frequency through the installation of a IIsi NuBus adaptor card

MEMORY

- 1MB RAM on logic board and four memory expansion slots. Expandable to 17MB of RAM by installing 4MB SIMMs in the empty slots. The Macintosh IIsi requires RAM that is 100ns or faster. The RAM that Apple installs in Macintosh IIsi systems is 80ns.
- 512K ROM, with ROM SIMM for future upgrades
- 256 bytes of parameter memory

DISK DRIVES

- SuperDrive 1.4MB high-density floppy disk drive
- Optional external 1.4MB or 800K disk drive
- Internal Apple SCSI hard disk drive (1/3 height @ 40 or 80 MB)
- Optional external SCSI hard disk drives (up to 6)

SOUND

- Custom sound chip, including stereo output capability
- Monaural sound input

INTERFACES

- One ADB port supports keyboard, mouse, and other daisy-chained devices via its synchronous serial bus.
- Video port supports various RGB and monochrome displays.
- Internal expansion slot accommodates either a NuBus or 030 Direct expansion card connected to the appropriate adaptor. Power budget: maximum 15 watts.

- Two RS-232 / RS-422 serial ports, 230.4 Kbits/second maximum.

AC INPUT REQUIREMENT

- Line voltage: 00-240 volts AC, automatically configured
- Line power: 67 watts maximum, not including monitor power
- Line current: 1.43-0.56 amps (determined by input voltage)
- Frequency: 50-60 Hz single phase

AC AUXILIARY OUTPUT

- Output receptacle voltage: 100-240 volts AC (determined by input voltage)
- Output receptacle power: 300 VA maximum
- Output receptacle current: 3 amp maximum steady-state

SYSTEM POWER

- 47 watts maximum {60 watts peak during hard drive spin-up (15 sec)}
- + 5 volt 6.8 amps
- +12 volt 0.8 amps {1.9 amps during hard drive spin-up (15 sec)}
- 12 volt 0.3 amps

CLOCK/CALENDAR

- CMOS custom chip with long-life lithium battery

SIZE AND WEIGHT

- Main Unit
 - Width 12.4 inches (31 cm)
 - Height 4 inches (10 cm)
 - Depth 14.9 inches (37.2 cm)
 - Weight 10 lb. (4.5 kg)
- Mouse
 - Height 1.1 inches (2.8 cm)
 - Width 2.1 inches (5.3 cm)
 - Depth 3.8 inches (9.7 cm)
 - Weight 6 oz. (.17 kg)

ENVIRONMENT

- Operating temperature: 10 to 40 degrees Celsius
50 to 104 degrees Fahrenheit
- Storage temperature: -40 to 47 degrees Celsius
-40 to 116.6 degrees Fahrenheit
- Relative humidity: 5% to 95% (noncondensing)
- Altitude: 0 to 3048 m (0 to 10,000 ft.)

Article Change History

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- 13 Sep 1994 - Clarified how FPU option is provided.
 - 15 Jul 1992 - Reviewed for technical accuracy.

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