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Macintosh 128K & 512K: Specifications (Discontinued)

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TOPIC -----

This article provides specifications for the Macintosh 128K and 512K.

DISCUSSION -----

MICROPROCESSOR

- Motorola MC68000, 32-bit architecture, 8 (7.8336) MHz clock speed

MEMORY

- 128K or 512K of RAM (Random Access Memory)
- 64K of ROM (Read Only Memory)

DISK DRIVE

- One built-in 400K disk drive. Optional external 400K disk drive.

SCREEN

- Built-in 9-inch diagonal, 512 by 342-pixel high-resolution bit-mapped monochrome display

INTERFACES

- Mouse port, DB-9 connector
- One eight-bit keyboard bus, 300 baud, RJ11 connector for Macintosh keyboard
- Two RS-232/RS-422 serial ports, 230.4K baud maximum (up to 0.920 Mbit per second if clocked externally), DB-9 connector
- External Disk Drive interface
- Sound port for external audio amplifier or headphones

CLOCK/CALENDAR

- CMOS custom chip with 4.5 volt battery backup (Eveready No. 523 or equivalent)

ELECTRICAL REQUIREMENTS

- Line voltage: 105 to 125 volts AC
- Line frequency: 50 to 60 hertz
- Maximum power: 60 watts

ENVIRONMENTAL REQUIREMENTS

- Operating temperature: 50 to 104 degrees F (10 to 40 C)
- Storage temperature: -40 to 122 degrees F (-40 to 50 C)
- Relative humidity: 5% to 90% relative humidity
- Altitude: 15,000 feet (4615 meters)

SIZE AND WEIGHT

- Height: 13.5 inches (34.6 cm)
- Width: 9.7 inches (24.6 cm)
- Depth: 10.9 inches (27.6 cm)
- Weight: 16 lb. 8 oz. (7.5. kg)

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