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PowerBook Duo 280: Technical Specifications (Discontinued)

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TOPIC -----

This article provides the technical specifications for the Apple PowerBook Duo 280.

DISCUSSION -----

Microprocessor

- Motorola 68LC040 66/33-MHz microprocessor with integral memory management unit (FPU not integrated)

Memory

- Comes with 4MB of DRAM
- DRAM expansion up to 8MB or 12MB with PowerBook Duo 4MB or 8MB Memory Expansion Kits, or up to 40MB with third-party memory expansion cards

Disk Storage

- One internal 240MB hard disk
- Optional external Apple SuperDrive 1.4MB floppy disk drive

Display

- 9-inch (229-mm) diagonal
- Backlit, active-matrix gray scale display, 640 by 400 pixels
- 16 shades of gray

Battery

- Nickel-metal-hydride High Capacity Type II battery provides 2 to 4 hours of computer use before recharging is necessary
- EverWatch battery-saver technology

Keyboard

- Built-in, 2.4-mm travel, 18-mm pitch
- Two-level tilt adjustment

- LED light when caps lock is engaged

Trackball

- 19-mm diameter, dual-button trackball

Clock/Calendar

- CMOS custom-integrated circuit with long-life lithium battery

Microphone

- Built-in omnidirectional microphone; output voltage of 4 mV, peak-to-peak, at normal volume

Interfaces

- Power adapter port
- 152-pin PDS connector for connecting PowerBook Duo Dock, Duo Dock II, PowerBook Duo MiniDock, PowerBook Floppy Adapter, or other expansion devices
- RS-422 serial port for LocalTalk networking, printers, modems, and other devices
- Port for optional internal modem

File-Transfer Options

- LocalTalk cables and System 7 file sharing
- Serial cable and System 7 file sharing
- Express modem and AppleTalk Remote Access software
- Duo MiniDock with external Apple SuperDrive, SCSI disk adapter, and HDI-30 SCSI system cable
- Duo Dock or Duo Dock II internal Apple SuperDrive, optional internal hard drive, and HDI-30 SCSI system cable

Docking Options

- PowerBook Duo Dock or Duo Dock II
- PowerBook Duo MiniDock
- PowerBook Duo Floppy Adapter
- Docking solutions from third-party vendors

Modem

- Optional internal PowerBook Express Modem; sends and receives data and faxes at 14,400 bps. Includes Express Fax and OCR software (OCR software available in United States and Europe only).

Sound Generator

- Built-in speaker
- Apple Sound Chip provides monophonic 8-bit sound and is capable of driving stereo headphones or other stereo equipment with the same signal

supplied to both channels through any optional PowerBook Duo Dock, Duo Dock II, or PowerBook Duo MiniDock

Sound Input

- 4-voice sound with 8-bit analog-to-digital conversion recording at 11 or 22 kHz sampling rate

Disability Access

- CloseView, Easy Access, and visible-beep included with system software. These built-in solutions and third-party options provide alternative input and output devices for people with disabilities.

Electrical Requirements

- Line voltage: 100 to 240 VAC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 25 W maximum

ADB Power Requirements

- Maximum current draw for all ADB devices is 100 mA with Powerbook Duo MiniDock or PowerBook Floppy Adapter or 500 mA with PowerBook Duo Dock or Duo Dock II (a maximum of three ADB devices is recommended)

Size and Weight

- Thickness: 1.4 in. (3.6 cm)
- Width: 10.9 in. (27.7 cm)
- Depth: 8.5 in. (21.6 cm)
- Weight: 4.2 lb. (1.9 kg)

Operating Environment

- Operating temperature: 50° to 104° F (10° C to 40° C)
- Storage temperature: -13° to 140° F (-35° C to 60° C)
- Relative humidity: 20% to 80% noncondensing
- Operating altitude: 1 to 10,000 ft. (0 to 3,048 m)
- Maximum storage altitude: 15,000 ft. (4,722 m)

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