PowerBook Duo Dock, Duo Dock II, and MiniDock

Features

PowerBook Duo Dock
- PowerLatch docking technology for easy, automatic, one-step docking
- Internal 1.4MB Apple SuperDrive
- Built-in video support for 256 colors, expandable to 32,000 colors
- Support for most Apple displays, including the Apple Multiple Scan 17 Display, as well as most VGA and SVGA displays
- Two NuBus expansion slots
- Ten built-in ports, including a SCSI port for up to six peripherals, such as an external hard disk or CD-ROM
- Pass-through port for modem in PowerBook Duo
- Security key for locking PowerBook Duo and slot for security cable

PowerBook Duo Dock II
All of the features of the Duo Dock, plus the following:
- 68882 coprocessor and 32K RAM cache for higher performance (PowerBook Duo 68030 computers only)
- 1MB of VRAM for thousands of colors on 17-inch displays and 256 colors on 20-inch displays
- Built-in support for high-speed Ethernet for rapid data transfer

PowerBook Duo MiniDock
- Small size and weight for easy portability
- PowerLatch docking technology
- Built-in video support for 256 colors
- Support for most Apple displays, including the Apple Multiple Scan 17 Display, as well as most VGA and SVGA displays
- Nine built-in ports, including a SCSI port
- Slot for a security cable
- Port for connecting external floppy drive

The Apple PowerBook Duo system is an excellent choice if you want an extremely small but powerful computer—with expansion capabilities that let you turn it into a full Macintosh desktop system.

At the heart of the PowerBook Duo system are the award-winning PowerBook Duo subnotebook computers. Weighing less then 5 pounds, they're light enough to take anywhere, yet powerful enough for any computing task.

When you're back at the office and want the capabilities of a desktop Macintosh, just slip your PowerBook computer into a PowerBook Duo Dock. PowerLatch docking technology provides easy, reliable connections between the two, so you have instant access to such desktop resources as a large color display, full-size keyboard, mouse, printers, and network resources.

The PowerBook Duo Dock supports Apple displays of up to 17 inches and has two full-size NuBus slots that let you add the capabilities you want. The 1.4-megabyte Apple SuperDrive lets you read, write, and format Macintosh, Windows, and MS-DOS floppy disks. There's even room for an additional hard disk.

The PowerBook Duo Dock II can support even larger monitors, up to 20 inches. It also includes a high-speed Ethernet port for quick and easy access to network resources, and its 68882 math co-processor and 32K memory cache power the performance of PowerBook Duo computers that have Motorola 68030 processors.

With either of these two docking solutions, when you want to take your work with you, you simply press the eject button and the PowerBook Duo computer slides out, ready for computing wherever you go. All of your applications and most recent files are stored securely on the computer's hard disk drive.

And, when you're away from your office, you can use the portable Macintosh Duo MiniDock to work with external displays, CD-ROM drives, and other peripherals.

PowerBook Duo Dock, Duo Dock II, and MiniDock

Ordering Information

PowerBook Duo Dock
Order No. M1928LL/A
• PowerBook Duo Dock with internal
  1.4MB Apple SuperDrive
• Mouse and microphone
• Power cable
• Security keys
• Complete setup, learning, and
  reference documentation
• Limited warranty

**Optional PowerBook Duo Dock
configuration**
Order No. M2631LL/A
• PowerBook Duo Dock with 1MB of
  VRAM, built-in 68882 math coprocessor,
  and 230MB internal hard disk

PowerBook DuoDock II
Order No. M1865LL/A
• Same as Order No. M1928LL/A, but
  with 1MB of VRAM, built-in 68882 math
  coprocessor, 32K RAM cache, and built-
  in support for high-speed Ethernet

**PowerBook Duo Dock Logic
Board Upgrade**
Order No. M1921LL/A
• Upgrades PowerBook Duo Dock to
  Duo Dock II

PowerBook Duo MiniDock
Order No. M4181LL/A
• PowerBook Duo MiniDock
• Complete setup, learning, and
  reference documentation

PowerBook Duo VRAM Expansion Kit
Order No. M13114LL/A

PowerBook Math Coprocessor Kit
Order No. M6775LL/A

Apple Ethernet NB Card
Order No. M0417LL/A

**Macintosh HDI-20 External 1.4MB
Floppy Disk Drive**
Order No. M8061LL/A

Apple HDI-30 SCSI Disk Adapter
Order No. M2539LL/A

Apple HDI-30 SCSI System Cable
Order No. M2538LL/A

Technical Specifications

PowerBook Duo Dock

Coprocessor
• Optional 68882 math coprocessor

Displays supported
• Most Apple displays, including the Apple Multiple Scan
  17 Display
• Physically supports monitors weighing up to 85 lb.
• Most VGA and SVGA monitors with adapter

Video RAM (VRAM)
• 512K standard, expandable to 1MB

Color depth support
• Supports 8-bit color for display of 256 colors on
  monitors up to 17 in.
• Supports 16-bit color with additional 512K of VRAM;
  per-mits display of thousands of colors on monitors up
  to 17 in.

Disk drives
• Built-in Apple SuperDrive 1.4MB floppy disk drive that
  uses high-density floppy disks and reads, writes, and
  formats Macintosh, Windows, MS-DOS, OS/2, and
  ProDOS disks
• Optional internal hard disk (many capacities available)

Interfaces
• Two NuBus slots for expansion cards that provide
  Ethernet, Token Ring, additional video, or other
  capabilities
• Apple Desktop Bus (ADB) port supporting a keyboard,
  mouse, and other input devices
• Two serial (RS-422) ports for printers, modems,
  AppleTalk network, and other devices
• Video-out port for external monitor
• HDI-30 SCSI port for external hard disks, scanners,
  CD-ROM drives, and other devices
• Pass-through port for the optional modem in the
  PowerBook Duo notebook computer
• Sound-in/sound-out port

Networking
• Serial port for AppleTalk networking

Security
• Key lock prevents removal of PowerBook Duo from the
  PowerBook Duo Dock
• Slot for cable to secure the Duo Dock to a desk

Electrical requirements
• Line voltage: 100 to 240 volts AC, RMS single phase,
  automatically configured
• Frequency: 50 to 60 Hz, single phase
• Power: 87 W maximum

ADB power requirements
• Maximum current draw for all Apple Desktop Bus
  devices: 500 mA (a maximum of three Apple Desktop
  Bus devices is recommended)
• Mouse draws 10 mA
• Keyboard draws 25–80 mA

Size and weight
• Height: 4.8 in. (12.1 cm)
• Width: 12.3 in. (31.1 cm)
• Depth: 16.3 in. (41.3 cm)
• Weight: 13.1 lb. (5.95 kg)
  (Weight is greater with internal hard disk)

Operating environment
• Operating temperature: 50° to 95° F (10° to 35°
  C)
• Storage temperature: 40° to 116° F (–40° to 47°
  C)
• Relative humidity: 20% to 95% noncondensing
• Operating altitude: 0 to 10,000 ft. (0 to 3,048 m)
• Maximum storage altitude: 15,000 ft. (4,722 m)

PowerBook Duo Dock II
The PowerBook Duo Dock II offers all of the
features of the Duo Dock, plus the following:
• Built-in 68882 coprocessor and 32K RAM cache
• Support for displays as large as 20 in.
• 1MB of VRAM standard
• Built-in support for 16-bit color; permits display of
  thousands of colors on monitors up to 17 in.
• Built-in support for high-speed Ethernet
  networking

PowerBook MiniDock

Displays supported
• Most Apple displays, up to and including the
  Apple Multiple Scan 17 Display
• Most third-party VGA and SVGA monitors

Color depth support
• Supports 8-bit color for display of 256 colors

Interfaces
• ADB port for keyboard, mouse, and other input
  devices
• Two serial (RS-422) ports for printers, modems,
  AppleTalk network, and other devices
• Video-out port
• HDI-30 SCSI port for external hard disks,
  scanners,
  CD-ROM drives, and other devices
• Port for a Macintosh HDI-20 External 1.4MB
  Floppy
  Disk Drive that uses high-density floppy disks and
  reads, writes, and formats Macintosh, Windows,
  MS-DOS, OS/2, and ProDOS disks (requires HDI-
  20 connector)
• Pass-through port for the optional modem in the
  PowerBook Duo notebook computer
• Sound-in/sound-out port

Networking
• Serial port for AppleTalk networking

Security
• Slot for cable to secure the MiniDock to a desk

Electrical requirements
• Line voltage: 100 to 240 volts AC
• Frequency: 47 to 63 Hz, single phase
• Power: 4.5 W maximum, not including monitor
  power

Environmental requirements
• Operating temperature: 50° to 95° F (10° to 35°
  C)
• Storage temperature: –40° to 116° F (–40° to
  47° C)
• Relative humidity: 20% to 95% noncondensing

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