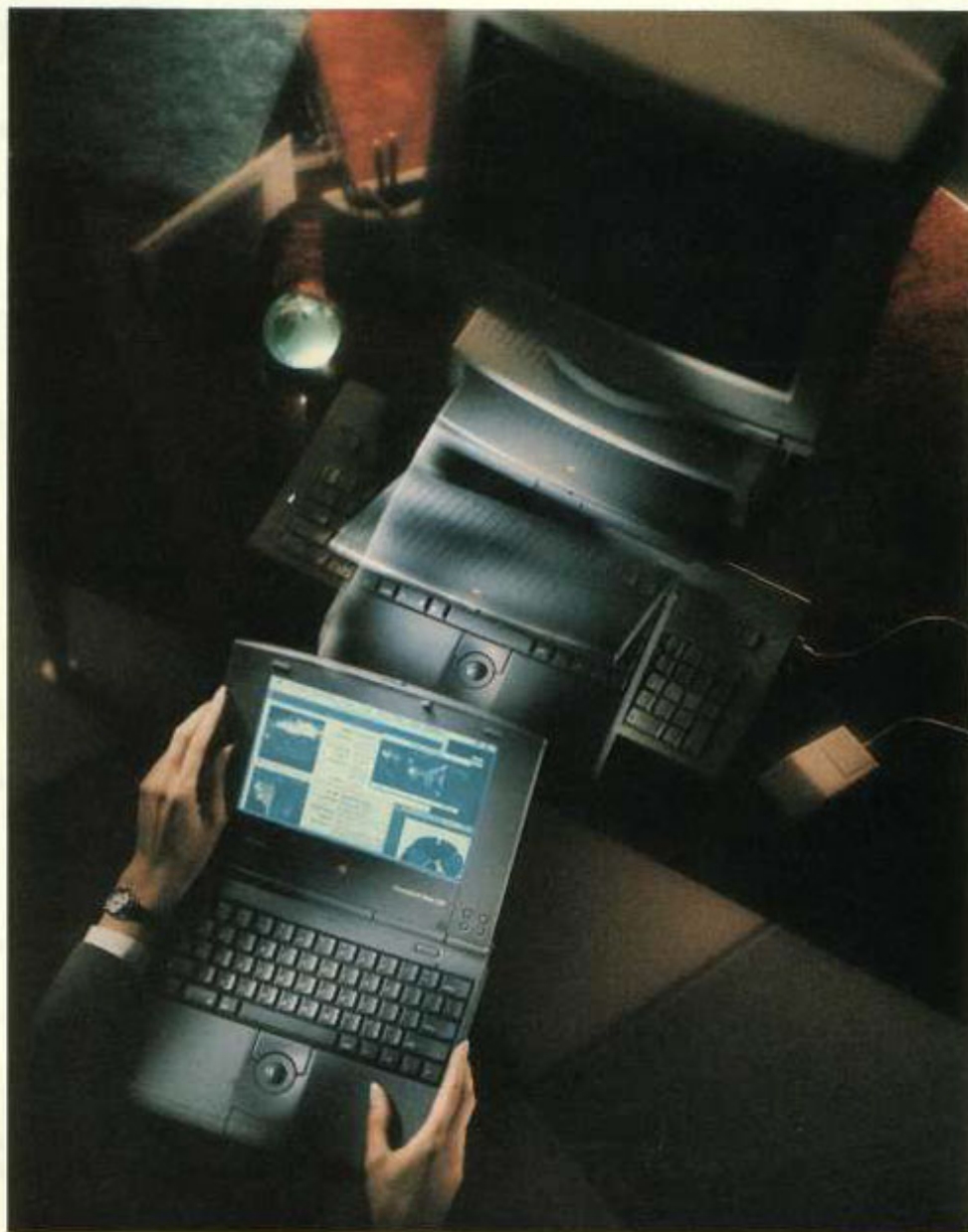




Macintosh Duo System

Desktop computing and notebook computing
are no longer worlds apart.



Apple Computer, Inc.

Introducing the best of both worlds.

Personal computing has evolved into two worlds: the world of desktop computing and the world of notebook computing.

In the desktop world, you can work with a large color display, a full-size keyboard, and a mouse. You can expand your computer's capabilities by adding memory and expansion cards. And you have access to printers, networks, and servers. But when you leave your desk, you also leave your computer.

In the notebook world, you can work with a computer that's powerful enough to handle almost any job, yet small enough and light enough to take anywhere. But you don't have a large color display, expansion slots, or a full-size keyboard. And adding capabilities may mean that you have to connect lots of cables or reconfigure system files.

Now you don't need to buy a notebook computer and a desktop computer to get the best features of each world.

Introducing the Macintosh Duo™ System.

Only the Macintosh Duo System gives you the best of both worlds. With the Macintosh Duo System, you get a powerful notebook computer that can be easily transformed into a versatile desktop computer.

A PowerBook at heart.

The heart of the Macintosh Duo System is the Apple® Macintosh® PowerBook Duo™ computer. This light, powerful notebook computer is perfect for taking just about anywhere. And when you bring it back to your desk, you can insert it into the Macintosh Duo Dock (a process referred to as docking) to create a complete Macintosh desktop system. When your PowerBook Duo is inserted into the Macintosh Duo Dock, you can take advantage of a large color display, an extended keyboard, a mouse, expansion slots, and peripherals, such as a CD-ROM drive and a printer.

Inserting a PowerBook Duo into the Macintosh Duo Dock is as simple as inserting a videotape into your VCR. There's no reconfiguring to do, no switches to flip, and no cables to connect.

And because you use just one computer when you're on the road and when you're at your desk, you can keep all your files with you—all the time. Which means you'll never have to wonder whether the files you want are on your notebook computer or on your desktop computer.

Two models of the Macintosh PowerBook Duo are available—the PowerBook Duo 210 and the PowerBook Duo 230. Both models weigh just 4.2 pounds and measure only 1.4 inches thick. And both models come with 4 megabytes of memory, expandable to 24 megabytes. The PowerBook Duo 210 features a 25-megahertz 68030 microprocessor and an 80-megabyte hard disk. The PowerBook Duo 230 features a 33-megahertz 68030 microprocessor and an 80- or 120-megabyte hard disk.

The Macintosh Duo Dock also includes many built-in features, such as video support for a variety of displays—including the Macintosh 16-inch Color Display. Two NuBus™ slots enable you to customize your system with expansion cards. An internal Apple SuperDrive™ floppy disk drive and an optional internal 3.5-inch hard disk drive let you store and transfer files. And a security key enables you to lock your PowerBook Duo in the Macintosh Duo Dock and lock other PowerBook Duo computers out. Or you can choose to share your Macintosh Duo Dock with other PowerBook Duo users, so they can have access to desktop capabilities.

So before you choose a notebook computer, a desktop computer, or one of each, take a look at the Macintosh Duo System. It just may be perfect for your world.



The advantages of PowerLatch.

When you insert a PowerBook Duo computer into the Macintosh Duo Dock, you're instantly working with a complete Macintosh desktop system. The Macintosh Duo System incorporates Apple's new PowerLatch docking technology, which provides a smooth and easy transition between the notebook world and the desktop world. A motor automatically pulls the PowerBook Duo in and securely connects it. PowerLatch then configures your system for maximum performance and recognizes the display that's connected to your Macintosh Duo Dock.



The Macintosh PowerBook Duo comes with a 25- or 33-megahertz 68030 processor.



The 4.2-pound PowerBook Duo is small enough to fit into a briefcase.



Macintosh Duo System



No competing system delivers the best of both worlds as completely as the Macintosh Duo System. Some competing models force you to deal with cumbersome cables or reconfigure AUTOEXEC.BAT or CONFIG.SYS files every time you connect the notebook computer to the docking station. But with the Macintosh Duo System, all cables remain connected to the Macintosh Duo Dock, so you don't need to worry about connecting cables or reconfiguring files every time you insert the PowerBook Duo. Other systems also limit you to working with the notebook computer's keyboard and display. With the Macintosh Duo System, however, you can work with a large color display and a full-size keyboard.

The Macintosh PowerBook Duo is only 1.4 inches thick, yet it can be configured with a 120-megabyte hard disk and up to 24 megabytes of memory.



The Macintosh Duo System sets the standard.

Some other notebook computers can be connected to docking stations for adding desktop capabilities, but these combinations don't come close to offering all the benefits of the Macintosh Duo System. Competing systems often limit you to working with the notebook computer's display and keyboard. You may have to bother with cumbersome cables and reconfigure files every time you want to connect your notebook computer to the docking station. And you have to work with a mechanical docking procedure that requires you to determine whether the notebook computer is properly connected to the docking station. If you lose the connection—or accidentally eject your notebook while you're working—you'll lose your data as well.

The Macintosh Duo System, on the other hand, was designed from the beginning to give you the best of both worlds. You can get right to work when you insert the PowerBook Duo into the Macintosh Duo Dock—without bothering with cables. You can use a large color display and a full-size keyboard. And because the Macintosh Duo Dock connects automatically to the PowerBook Duo, you don't have to worry about a bad connection or losing data.

Presenting PowerLatch docking technology.

The key to what separates the Macintosh Duo System from other docking systems is Apple's new PowerLatch™ docking technology, which provides a smooth transition between the notebook computing world and the desktop computing world. Because PowerLatch docking technology takes advantage of the single-point docking connection between the Macintosh PowerBook Duo and the Macintosh Duo Dock, you don't need to connect any cables whenever you switch from notebook computing to desktop computing. All you have to do is insert the PowerBook Duo into the Macintosh Duo Dock. The PowerBook Duo is then automatically pulled into the correct position and securely connected to the Macintosh Duo Dock.

Once the PowerBook Duo is connected, PowerLatch docking technology automatically configures your system for maximum performance. It also recognizes the display that's connected to your Macintosh Duo Dock and shows your work on the large display.

PowerLatch docking technology protects your data, too, by ensuring a secure connection between the PowerBook Duo and the Macintosh Duo Dock. And you can't remove the PowerBook Duo from the Macintosh Duo Dock until all the documents you've been working on are closed, so you won't lose any information.

Getting the most out of your battery.

Apple's EverWatch™ battery saver technology works to extend the life of your PowerBook Duo battery to up to 4.5 hours. It automatically turns off energy-hungry components—such as the microprocessor, the hard disk, and the modem—when they're not in use. An on-screen battery gauge tells you how much power remains in the battery. And a warning message appears on the display when the battery runs low on power.



The best of notebook computing.

Rear view of the Macintosh PowerBook Duo

With the optional high-speed (14,400 bits per second) PowerBook Express fax/data modem, the modem port allows you to send and receive information over any phone line.

The door covering the docking connector recesses into the PowerBook Duo for easy docking.



The serial port lets you connect an external modem, a printer, or a LocalTalk® cable (for access to an AppleTalk® network).

Rear view of the Macintosh Duo Dock

The SCSI port allows you to connect up to six peripherals, such as a scanner, a CD-ROM drive, and an external hard disk.

Two NuBus slots enable you to customize your system with expansion cards, such as an Ethernet networking card or a video-capture card.



Two serial ports

The video port lets you connect a variety of displays, including the Macintosh 16-inch Color Display.

The Apple Desktop Bus™ (ADB) port lets you connect one or more input devices, such as a numeric keypad, an Apple keyboard, and a mouse.

Bright backlit supertwist display supports 16 levels of gray.

Built-in speaker

Built-in microphone

Magnesium subframe keeps the PowerBook Duo light while adding structural rigidity.

Palm rest

Nickel-hydrate battery for 2 to 4.5 hours of battery life.



Brightness and contrast controls

Power On key

Standard-size keyboard

Trackball

80- or 120-megabyte internal hard disk



The best of desktop computing.



The hard disk icon that represents the PowerBook Duo automatically appears on the display connected to the Macintosh Duo Dock.

The Macintosh Duo Dock has a bay that allows you to add an internal 3.5-inch hard disk for storing and backing up your work.

The Macintosh Duo System can automatically connect you with available servers.

Using Apple's Macintosh PC Exchange software, you can open MS-DOS and Windows files directly from Macintosh applications.

The Macintosh Duo Dock has built-in video support for 256 colors (or 32,000 colors with additional video RAM) on a variety of displays, including the Macintosh 16-inch Color Display.

The security key prevents removal of the PowerBook Duo from the Macintosh Duo Dock.

Apple SuperDrive floppy disk drive (MS-DOS compatible)

Bay for an optional internal 3.5-inch hard disk



Another way to extend battery life is to set your PowerBook Duo to go to sleep (a low-power mode that conserves energy without shutting off the computer's memory) after a specified period of inactivity. To wake up the PowerBook Duo, you can press any key and you'll be right back where you left off. When you close the display, the PowerBook Duo goes to sleep automatically (you can even change the battery while the PowerBook Duo is sleeping). And the battery automatically recharges when the PowerBook Duo AC Adapter is plugged in, or when the PowerBook Duo is connected to the Macintosh Duo Dock or the Macintosh Duo MiniDock.

A computer with connections.

There are several ways to install software on or transfer files to the hard disk of your Macintosh PowerBook Duo. One of the easiest ways is to insert the PowerBook Duo into the Macintosh Duo Dock and use the built-in Apple SuperDrive floppy disk drive. Or you can connect the PowerBook Duo to either the Macintosh Duo MiniDock or the Macintosh PowerBook Duo Floppy Adapter—both of which include a port for an external Apple SuperDrive.

With Macintosh System 7™ software, which comes with the PowerBook Duo, you can connect your computer to a network and share files with other Macintosh computers. And with AppleTalk Remote Access software and a modem, you can connect your PowerBook Duo to a network of other Macintosh computers—even if you're half a world away.

You can also connect your PowerBook Duo to another Macintosh through the SCSI port on the Macintosh Duo MiniDock. Your PowerBook Duo will appear on the other computer's display as an external hard disk, allowing you to easily transfer files between the two systems.

It's a PowerBook.

The PowerBook Duo is a member of the Macintosh PowerBook™ family. Not only are PowerBook computers among the most popular notebook computers available, but they've won virtually every major computer industry award. PowerBook computers were named "Product of the Year" by *Time*, *Business Week*, and *Fortune* magazines. They've been hailed by experts as diverse as editors of computer magazines and judges of international design competitions.

It's a Macintosh.

Best of all, the PowerBook Duo is an Apple Macintosh computer, complete with all the benefits that have made Macintosh so popular. That means there are no confusing commands to work with or memorize—ever. It means you can choose from the thousands of Macintosh applications that all work in the same, intuitive way. So once you've learned one application, you'll have the knowledge and the confidence to try another, and another. And it means that the PowerBook Duo comes with many features, such as built-in networking, that must be added to other computers. The fact is, the more you know about Macintosh, the more you'll see why it's like no other computer.

Macintosh PowerBook Duo Floppy Adapter



The Macintosh PowerBook Duo Floppy Adapter enables you to use an external floppy disk drive and input devices, such as a numeric keypad or a mouse. Its small size and light weight make the adapter perfect for travel. And the adapter has a slot for a security cable, so you can lock your PowerBook Duo to your desk.

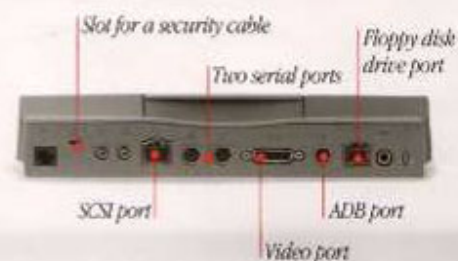


The Macintosh Duo MiniDock allows you to connect a variety of displays—even a VGA or SVGA display (as shown at left)—to your Macintosh PowerBook Duo.

Macintosh Duo MiniDock

If you need desktop computer capabilities, but don't need all the expansion options that are provided by the Macintosh Duo Dock, take a look at the Macintosh Duo MiniDock. It's small and light enough to take anywhere. The Macintosh Duo MiniDock incorporates PowerLatch docking technology, which eliminates time-consuming cable management and system reconfiguration problems. In addition, the Macintosh Duo MiniDock allows you to work with both a large external display and the PowerBook Duo display simultaneously, which is ideal for presentations. And by using the SCSI port on the Macintosh Duo MiniDock, you can use your PowerBook Duo as an external hard disk with another Macintosh computer.

Rear view of the Macintosh Duo MiniDock





Macintosh PowerBook Duo 210*

The Apple Macintosh PowerBook Duo 210 features a 25-megahertz 68030 microprocessor and an 80-megabyte hard disk. Using Apple's new PowerLatch docking technology, the PowerBook Duo computers work with the Macintosh Duo Dock or the Macintosh Duo MiniDock to give you the best of notebook and desktop computing.

Macintosh PowerBook Duo 230*

The Apple Macintosh PowerBook Duo 230 features a 33-megahertz 68030 microprocessor and either an 80- or 120-megabyte hard disk. Together, the PowerBook Duo 230 and the Macintosh Duo Dock deliver performance that's second only to the Macintosh Quadra™ line of Apple computers.

Processor	25-MHz 68030	33-MHz 68030
Memory and disk storage	<ul style="list-style-type: none"> • 4MB of RAM, expandable to 24MB: 4MB on the logic board; expansion slot supports a 4MB or 8MB card (larger cards available from other companies) • Optional 1.4MB external Apple SuperDrive; 80MB internal hard disk 	<ul style="list-style-type: none"> • 4MB of RAM, expandable to 24MB: 4MB on the logic board; expansion slot supports a 4MB or 8MB card (larger cards available from other companies) • Optional 1.4MB external Apple SuperDrive; 80MB or 120MB internal hard disk
Display	9-inch backlit supertwist LCD; 640 by 400 pixels; 16 levels of gray	9-inch backlit supertwist LCD; 640 by 400 pixels; 16 levels of gray
File transfer options	<ul style="list-style-type: none"> • LocalTalk cables or serial cable and System 7 file sharing • Fax/data modem and AppleTalk Remote Access software • External Apple SuperDrive 	<ul style="list-style-type: none"> • LocalTalk cables or serial cable and System 7 file sharing • Fax/data modem and AppleTalk Remote Access software • External Apple SuperDrive
Ports	Docking connector; one serial port for connecting to a printer or an AppleTalk network; power adapter port; port for a PowerBook Express fax/data modem	Docking connector; one serial port for connecting to a printer or an AppleTalk network; power adapter port; port for a PowerBook Express fax/data modem
Battery	Nickel-hydrate; average life 2 to 4.5 hours; power adapter included	Nickel-hydrate; average life 2 to 4.5 hours; power adapter included
Size and weight	8.5 by 10.9 by 1.4 inches (21.6 by 27.7 by 3.6 cm); 4.2 pounds (1.9 kg)	8.5 by 10.9 by 1.4 inches (21.6 by 27.7 by 3.6 cm); 4.2 pounds (1.9 kg)

Macintosh Duo Dock*

Macintosh Duo MiniDock*

Disk storage	1.4MB internal Apple SuperDrive; bay for optional internal 3.5-inch hard disk	Optional 1.4MB external Apple SuperDrive
Display	Built-in support for up to 256 colors on 16-inch and smaller Apple displays and some VGA and SVGA displays; with 512K of additional video RAM, supports up to 32,000 colors	Built-in support for up to 256 colors on 16-inch and smaller Apple displays and some VGA and SVGA displays
Docking	PowerLatch docking technology; automatically inserts and ejects the PowerBook Duo	PowerLatch docking technology; docking latch for connecting the PowerBook Duo
Expansion capabilities	<ul style="list-style-type: none"> • Two NuBus slots; supports up to six SCSI devices • Optional 68882 math coprocessor 	<ul style="list-style-type: none"> • Supports up to six SCSI devices
Ports	Two serial ports for connecting to a printer or an AppleTalk network, SCSI port, ADB port, power adapter port, video-output port, telephone-jack port, key lock, slot for security cable	Two serial ports for connecting to a printer or an AppleTalk network, SCSI port, ADB port, power adapter port, video-output port, telephone-jack port, slot for security cable; optional SCSI disk adapter and system cable allow direct SCSI connection to another Macintosh

Your authorized Apple reseller or representative can answer questions about the products described in this brochure. You'll also want to ask about the one-year limited warranty that comes with all Apple hardware products, and about AppleCare®, our extended service plan.

Owners of PowerBook Duo computers have access to a toll-free repair hotline. If you have a problem with your computer, you can call the hotline from anywhere in the United States and talk with an Apple technical support engineer.

For the name of the authorized Apple reseller or representative in your area, call 1-800-446-3000, ext. 445.

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