
NEC PowerMate[®] Desktop Computers

Installing a Zip Drive

Use the following procedures to install a Zip[™] drive in your PowerMate desktop computer.

Note Use the following procedures along with option installation information in your printed NEC PowerMate user's guide.

If a printed user's guide did not come with your system, see the online PowerMate user's guide. If you are using the online user's guide, be sure to print out the information before you begin the installation procedure.

Zip Drive Configuration

Before you install the Zip drive in your system, prepare the drive for your system configuration as follows:

- Check your current system configuration for devices cabled on the primary and secondary IDE connectors.
- Check the master/slave jumper setting on the drive. See the printed jumper setting information on the Zip drive. The drive ships set as a slave device. Set the Zip drive for your new IDE drive configuration.

The Zip drive set as the slave device on the secondary IDE connector is an appropriate configuration if you have a hard drive set as the master device on the primary IDE connector (default setting) and a CD/DVD-ROM or CD-RW drive set as a master device on the secondary IDE connector.

If you have two CD/DVD-ROM or CD-RW drives already installed on the secondary IDE connector, set the Zip drive as the slave device on the primary IDE connector.

See your PowerMate user's guide for other IDE configurations.

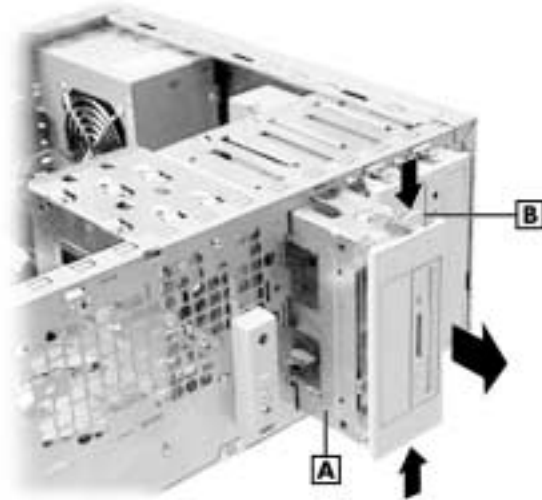
Zip Drive Installation

Use the following procedure to install the Zip drive.

1. Remove the system unit cover and front panel (see your PowerMate user's guide).
2. Remove the 3 1/2-inch accessible drive bracket from the chassis as follows.
 - Disconnect the drive power and signal cables from the diskette drive.

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- Press in on the tabs on the sides of the bracket to unlatch it from the chassis (see the following figure).
 - Pull the bracket out of the front of the chassis.

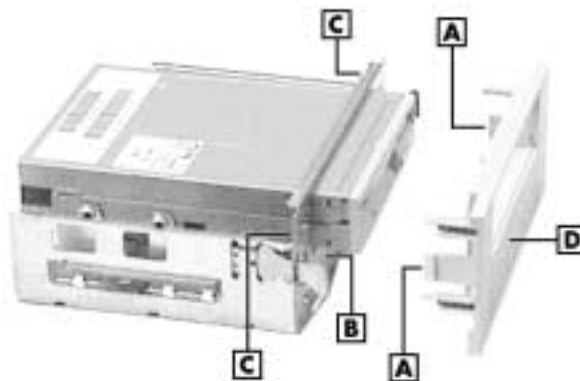
Removing the 3 1/2-inch accessible drive bracket



A – Drive Bracket **B** – Bracket Tab (left side)

3. Access the empty drive slot as follows.
 - Unlatch the bracket cover by pressing the two side tabs inward. To access the tabs, reach behind the front metal shield (see the following figure).
 - Remove the blank panel from the bracket cover by pressing the panel tabs from inside the cover and pushing the panel out.
 - Knock out the metal breakaway panel from the drive bracket front shield with a screwdriver.

Accessing the drive slot



A – Bracket Cover Tabs **C** – Front Metal Shield
B – Metal Panel **D** – Blank Panel

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4. Replace the bracket cover on the drive bracket (press in the tabs and align the tabs and four posts with the openings in the metal shield).
 5. Insert the Zip drive into the empty slot in the drive bracket.

Inserting the Zip drive into the drive bracket slot



6. Secure the drive with three screws (see the following figure).

Securing the Zip drive



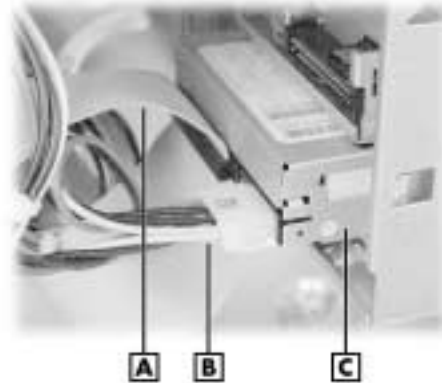
A – Zip Drive

B – Screws

7. Slide the drive bracket into the chassis. The bracket tabs click into place.

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8. Connect the drive cables as follows.
 - Locate the unused IDE connector on the CD-ROM IDE cable.
 - Align the pin 1 edge of the IDE cable as shown in the the following figure and connect the IDE cable to the Zip drive.
 - Connect an unused power cable connector to the Zip drive power connector.

Connecting drive cables



A – Pin 1 Edge of IDE Cable **C** – Zip Drive
B – Power Cable

9. Replace the front panel and system unit cover (see your PowerMate user's guide).