

ez backit*pro*

BACKUP & DISASTER RECOVERY SOLUTION



User Guide

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Ez Backit pro Introduction

Thank you for purchasing the Ez Backit pro! The Ez backit pro is a self-contained backup solution for your laptop computer. Ez backit pro was created to make backup easy for laptops, at home or on the road. The Backit pro is compatible with most laptop computers. It is small, portable, easy to use, and can be customized to suit your individual backup needs.

Your Ez backit pro Kit Includes:

The Ez backit pro:

Contains a 2.5" IDE laptop hard drive, with a folding PCMCIA connector. It is a self-contained, removable hard drive that requires no additional power outlets. The Ez backit pro installs as a Plug-and-Play device in most Windows Operating systems.

The EZ Gig II CD-ROM:

EZ Gig II is two separate utilities, **Clone EZ** and **Image EZ** on a single CD. **Clone EZ** is ideal for users who require an exact bootable clone of their hard drive. A cloned copy is used for disaster recovery backup, or a hard drive upgrade. **Image EZ** is great for users who desire a compressed image of their entire hard drive (or partition). Since **Image EZ** compresses its backup, users have enough space to keep backups from multiple dates or multiple computers.

Software Usage Conditions

The conditions for EZ Gig II software usage are described in the License Agreement, included with this package. The supplied registration card is the confirmation of your legal purchase and usage of EZ Gig II on your system. Each registration card has its own unique registration number. Under current legislation the License Agreement is considered a contract between a user (you) and a software manufacturer (Apricorn Inc.). The contract has legal effect and its violation may result a court examination.

Illegal use and/or distribution of this software will be prosecuted.

Before you backup

Read this manual FIRST! Make sure you are familiar with all of the Ez backit pro procedures before you begin.

Organize a regular backup routine! Hard drive backup works best when it is done on a regular schedule, so take a moment to come up with a plan that works best for you. A recommended backup routine might be:

- Run a full backup (using Clone EZ) at the end of each month.
- Perform weekly backups (using Image EZ).

Cleanup the drive! It's also a good idea to combine your backups with these other important maintenance tasks:

- Clean up any file-system errors by running Windows ScanDisk (or a similar disk cleanup utility) on your internal hard drive before you run backups.
- Check with the laptop manufacturer for any BIOS updates. Most BIOS updates are available-for-download on the manufacturers' support website. If you find a BIOS update for your laptop, it should be installed before running backup.

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Getting Started

In order to use your EZ Backit Pro you should have:

Hardware:

- Pentium CPU
- 32MBs RAM
- CD ROM drive
- Floppy Disk drive

Operating systems:

Microsoft:

- Windows 98
- Windows Millennium
- Windows 2000 Professional
- Windows XP Home and Professional

Hardware installation:

Ez backit pro will install as a “plug-and-play” removable hard drive in Windows 98SE/ME, Windows 2000 and Windows XP. These operating systems already contain “built-in” device drivers that will work with Ez backit pro. No additional driver files are required. Depending on your system and OS, you may have to install the hardware device drivers using the “Add New Hardware” option inside the Windows Control Panel:

Windows 98 Second Edition, Windows ME:

During the “Add New Hardware” installation process, the Wizard should detect the Ez backit pro as a new ATA device. Windows will install a “Standard IDE/ESDI Hard Disk Controller” as the device driver.

When installed correctly, you should see this new driver listed under “Hard Disk Controllers” in the Windows “Device Manager” screen.

Windows 2000:

During the “Add New Hardware” installation process, the Wizard should detect the Ez backit pro as an ATA device. Windows will install a “PCMCIA IDE/ATAPI Controller” as the device driver.

When installed correctly, you should see this new driver listed under “IDE/ATAPI Controllers” in the Windows 2000 “Device Manger” screen.

Once the device drivers are installed, the EZ-Backit Hard Drive will appear as an additional hard drive in Windows “My Computer” (If you have already used the EZ-GIG Drive-Copy, you should see that the Ez backit pro already contains the same files as your internal drive). Under Windows 98SE/ME, 2000, and XP, the Ez backit pro is a “hot-swappable” device. You can insert the Ez backit pro connector while the laptop is powered on, and Windows will automatically detect the new drive. Remember: use the Windows “PCMCIA Card Services” (98SE/ME) or the “Unplug and Eject Hardware” (Win2000 and XP) to stop access to the card before physically removing it!

Creating your first clone backup using Clone EZ

1. Once the EZ Gig II software is installed, consult the Clone EZ Manual, located on the EZ Gig II CD, for detailed instructions on using Clone EZ. These instructions are exclusive for creating a clone of your hard disk using the Automatic Upgrade Feature.
2. Apricorn EZ Gig II will need to restart your computer. Please save all work before starting Apricorn EZ Gig II.
3. To Start EZ Gig II, click on the EZ Gig II icon on the desktop or go to Start □ Programs □ Apricorn □ EZ Gig II, and select Apricorn EZ Gig II.
4. Select Automatic Upgrade from the main screen to open Clone EZ
5. At the first screen, select the source hard drive. (If the destination hard drive is completely blank, Clone EZ will automatically configure the source and destination hard drive. Skip to step 8). Click Next to continue.
6. Select the destination hard drive and click Next to continue.
7. If there is data on the destination drive, you must agree to delete the partitions on it to continue. If you do not want to overwrite the data on the drive, click Back and choose another drive. Click Next to continue.
8. Clone EZ presents a layout of the source and destination drive after the upgrade. Review the layout and confirm the settings. To find out the model number of the drive, move the mouse over the picture of the hard drive and keep it there for a second. When satisfied, click Next to continue
9. This will open the Clone EZ Script window. Verify the operations listed in the white box. If there are corrections to be made, click the Back button to change the selected options. Until the Proceed button is clicked, the selected operations **will not execute**. If everything is correct, click Proceed to begin the clone.
10. Click Yes when prompted to reboot.
11. On reboot, after the Windows splash screen appears, Clone EZ will begin the cloning process. The progress bar on the bottom of the screen will indicate the progress.

12. When the transfer is completed, a message appears on the screen. Press any key to shutdown the computer.
13. **Before you restart the computer, disconnect the Ez Backit pro from the computer.**
14. When the computer reboots, it will display a message saying, “Transfer Successful.” After a couple seconds the computer will continue booting into Windows.

Create your first backup image using Image EZ.

1. Once the EZ Gig II software is installed, consult the Image EZ manual, located on your EZ Gig II CD, for detailed instructions on using Image EZ. These instructions are exclusive for creating a backup image of your hard drive on your EZ BackIt Pro.
2. Under certain conditions, Apricorn EZ Gig II may need to restart your computer. Please save all work before starting Apricorn EZ Gig II.
3. To Start EZ Gig II, click the Start button, go to Programs □ Apricorn □ EZ Gig II and click on Apricorn EZ Gig II. This will open the main screen of EZ Gig II. You can also click on the Apricorn EZ Gig II icon on the Desktop.
4. Select “Create Image” from the main screen to open Image EZ.
5. At the first screen, select the drive or partition(s) you would like to backup. A red line will appear under the drive or partition(s) chosen. After selecting the drive or partition(s), click Next.
6. This will open the Image Archive Location window. Select fixed hard disk and click the Next button.
7. At the Image Archive Creation Window, find your EZ Backit Pro. It will have the name Apricorn, but the drive letter will vary depending on the configuration of your computer.

8. Enter the image name in the filename text box, located near the bottom of the Image Archive Creation Window. You can enter any name you wish. It might be a good idea to use the date, such as Jan2503 for January 25, 2003. Click Next to continue.
9. This will open the Compression Level window. In this window, you can optimize the creation of the image file to suit your needs. The lower compression level increases the speed at which the image file is created. Higher compression levels create smaller image files. The estimated size and time will be located in the description section of the window. Choose the compression level and click Next to continue.
10. The Image Archive Splitting window will open, select Automatic and then click Next to continue.
11. The Image Archive Protection window will open. If you do not want to password protect your image, click Next to continue. ***If you wish to enter a password, please remember the password for future use. If you forget the password, you will be unable to access the image file at a later date.*** Apricorn does not have the ability to retrieve the password. Click Next to continue.
12. This will open the Image Archive Comments window. You can use this window to write comments about the image (such as the date you created the image, the computer, operating system, etc.). Click Next to continue.
13. This will open the Apricorn Image EZ Archive File Creation Script window. Please verify the operations listed in the white box. If there are corrections to be made, you can click the Back button to change selected options. Until the Proceed button is clicked, the selected operations **will not execute** and nothing is written to your Ez backit pro. If everything is correct, you can click the Proceed button to create the image file.
14. Image EZ completes the selected options and the Congratulations screen will appear.
15. **BACKUP COMPLETE!!!** The Ez backit pro now contains a complete image of the selected drive or partition(s).
16. To learn more about the versatility of Image EZ, including restoring an image, please consult the Image EZ manual located on your EZ Gig II CD.

Reformatting your EZ Backit pro

Your EZ Backit pro hard drive is preformatted with the FAT32 Windows File System. The FAT32 file system is visible to the largest number of operating systems. FAT32 does have limitations. You can not save a file larger then 4GB and in Windows 2000 and XP, the partition size is limited to 32GB. The EZ Backit Pro will be usable in your system, however we recommend that you reformat the hard drive in the following ways for the following operating systems.

To reformat the drive in the NTFS file system in Windows 2000 or XP:

Caution: This will destroy any data on the hard drive; please back up any data before you continue with the reformatting of the EZ Backit Pro hard drive.

1. Open My Computer or Windows Explorer
2. Right click on the EZ Backit Pro drive and select format
3. This will open the format window
 - a. In the File system drop down box, select NTFS
 - b. Allocation unit size use default allocation size
 - c. Format options,
 - i. Select Quick format
 - ii. Do not enable compression
 - d. Click on the Start button.
4. The drive will now be reformatted
5. To verify the reformatting of the drive
 - a. Go to My Computer or Windows Explorer, Right click on the EZ Backit Pro drive, and select properties from the list.
 - b. This will open the EZ Backit Pro hard drive properties; the file system should be NTFS.

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Troubleshooting

I am unable to format my 40 GB or larger EZ Backit pro with FAT 32 in Windows 2000 or XP.

Windows 2000 and XP limit a FAT32 partition to 32 GB. If you choose to format the drive in a larger than 32 GB partition, you will need to use the NTFS file system.

I am unable to save a file larger than 4GB to my EZ Backit pro.

Fat32 has a file size limitation of 4 GB. If you are using Windows 2000 or XP, you have two options to change the file system on the drive. The first option, as seen on page 9, will reformat the drive and you will lose your data. If you want to keep your data, you can use the following method. Press the start menu button, go to run, and type cmd into the open line and hit enter. The CMD window will open. At the prompt type convert (the drive letter of the EZ Backit Pro) /fs:ntfs. Example. If your EZ Backit Pro is assigned the drive letter of E:, then you will type convert E: /fs:ntfs.

Warranty Conditions

Three-Year Warranty (on hard drive):

Apricorn offers a 3-year warranty on all notebook-based products (i.e. EZ Backit Pro, EZ BUS, EZ Gig Notebook Hard Drive Upgrades, CardBus cards), and 12 months on all desktop-based products (i.e. Videobx) against defects in materials and workmanship under normal use. The warranty period is effective from the date of purchase either directly from Apricorn or an authorized reseller.

Disclaimer and terms of the warranties:

THE WARRANTY BECOMES EFFECTIVE ON THE DATE OF PURCHASE AND MUST BE VERIFIED WITH YOUR SALES RECEIPT OR INVOICE DISPLAYING THE DATE OF PRODUCT PURCHASE.

APRICORN WILL, AT NO ADDITIONAL CHARGE, REPAIR OR REPLACE DEFECTIVE PARTS WITH NEW PARTS OR SERVICEABLE USED PARTS THAT ARE EQUIVALENT TO NEW IN PERFORMANCE. ALL EXCHANGED PARTS AND PRODUCTS REPLACED UNDER THIS WARRANTY WILL BECOME THE PROPERTY OF APRICORN.

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Appendix - Technical Support

This section of the manual will give you instructions on how to obtain technical information and support for your EZ Backit pro product.

Before you contact technical support

Apricorn is committed to providing you comprehensive technical support. We suggest you use the following sequence for faster service.

1. Hardware Installation section of the User's Guide Manual
2. Apricorn's Website (<http://www.apricorn.com>) Check for up to date information.
3. Apricorn Technical Support Department (1-800-458-5448)

Apricorn's Technical Support Specialists are available from 8:00 AM to 5:00 PM Monday to Friday, Pacific Standard Time; or e-mail questions to support@apricorn.com.

RMA Policy

If you need to return or replace your EZ Backit pro, Apricorn requires that you perform the following steps:

In order to return or replace your EZ Backit pro, Apricorn must issue an RMA (Return Merchandise Authorization) tracking number. Simply call Apricorn's technical Support department with your EZ Backit pro part number and a description of the problem you are experiencing. If the Apricorn representative finds cause for a return, they will issue an RMA number to reference your product. You will need to include the RMA authorization form with your package. The RMA form is available online at <http://www.apricorn.com/support/rma.php>. It is the customer's responsibility to write the RMA number on the exterior of the package and sent the prepaid package to:

Apricorn

Attn: RMA #

12191 Kirkham Rd.

Poway, CA 92064

The purchaser shall be responsible for any loss or damage to the returned product until it is received by Apricorn. Purchaser should consider obtaining insurance with respect to shipping the product.



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