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# Paragon Recovery Media Builder

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*Quick User Guide*

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## Introduction

Paragon Recovery Media Builder™ is a wizard that helps you prepare either Linux or WinPE-based bootable environment on a USB thumb drive or in an ISO file. Containing a set of utilities corresponded to the purchased product, it will allow startup of your computer for maintenance or recovery purposes when OS is corrupted or cannot be used.

Unlike Boot Media Builder, Recovery Media Builder doesn't require to have Windows Assessment and Deployment Kit (ADK) or Automated Installation Kit (WAIK) installed in the system. However, its functionality is rather limited, for instance when used under Windows XP or Vista it can only prepare Linux-based thumb drives or ISO images.



**Our company is constantly releasing new versions and updates to its software, that's why images shown in this manual may be different from what you see on your screen.**

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## Key Features

- An intuitive three-step wizard enables to build either Linux or WinPE environment on flash memory or in an ISO image in several minutes;
- Doesn't require Windows Assessment and Deployment Kit (ADK) or Automated Installation Kit (WAIK);
- Separate installation packages for building 32-bit or 64-bit media;
- The option to prepare either uEFI or BIOS compatible recovery environment;
- Can be easily reconfigured for another Paragon's product.

## System Prerequisites

- A Windows XP platform or higher;
- An installed Paragon's product;
- A USB thumb drive of at least 512 MBs.

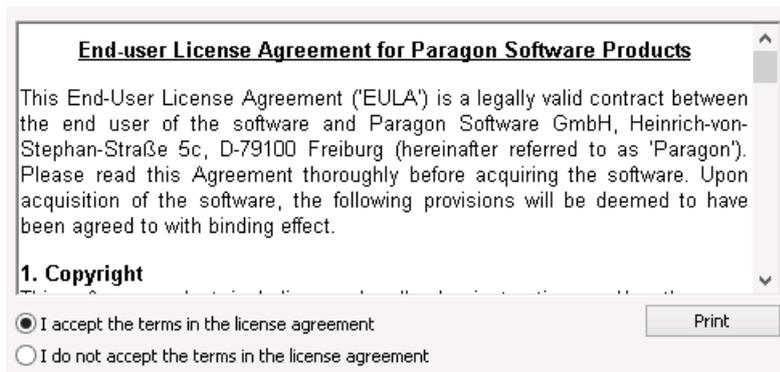
Please note that depending on the host system the product functionality can be restricted:

- You can specify whether to create a 32-bit (BIOS mode) or 64-bit (uEFI mode) Linux environment only in the 64-bit Recovery Media Builder. The 32-bit Recovery Media Builder can only prepare 32-bit Linux media.
- There's no option to choose whether to build a 32-bit (BIOS mode) or 64-bit (uEFI mode) WinPE environment. For 64-bit systems there will be built 64-bit WinPE, while for 32-bit systems – 32-bit.
- You can only prepare the Linux-based environment (flash, ISO) on Windows XP and Vista.
- Creation of WinPE-based ISO images is not available on Windows 8.1, Server 2012 R1/R2.

## Installation

Before you start, please make sure the [system prerequisites](#) are met. If everything is OK, please do the following to install the utility:

1. Depending on your system, click on either a 32-bit or a 64-bit installation package of Recovery Media Builder. The Welcome page will inform that the application is being installed. Click **Next** to proceed.
2. Please read Paragon License Agreement carefully and then select the appropriate option to accept. Otherwise you won't be able to proceed with the installation. By clicking the **Print** button, the license agreement may also be printed out.



3. On the next page, select a Paragon's product for which you'd like to prepare recovery media. Please note the wizard will only list products that support this functionality.

If necessary, click **Change** to install the utility to a different location (by default **C:\Program Files\Paragon Software\Recovery Media Builder\**). Click **Next** to proceed.



4. Click **Install** to start the installation or **Back** to return to any of the previous pages and modify the installation settings.
5. The Final page reports the end of the setup process. Click **Finish** to complete the wizard.

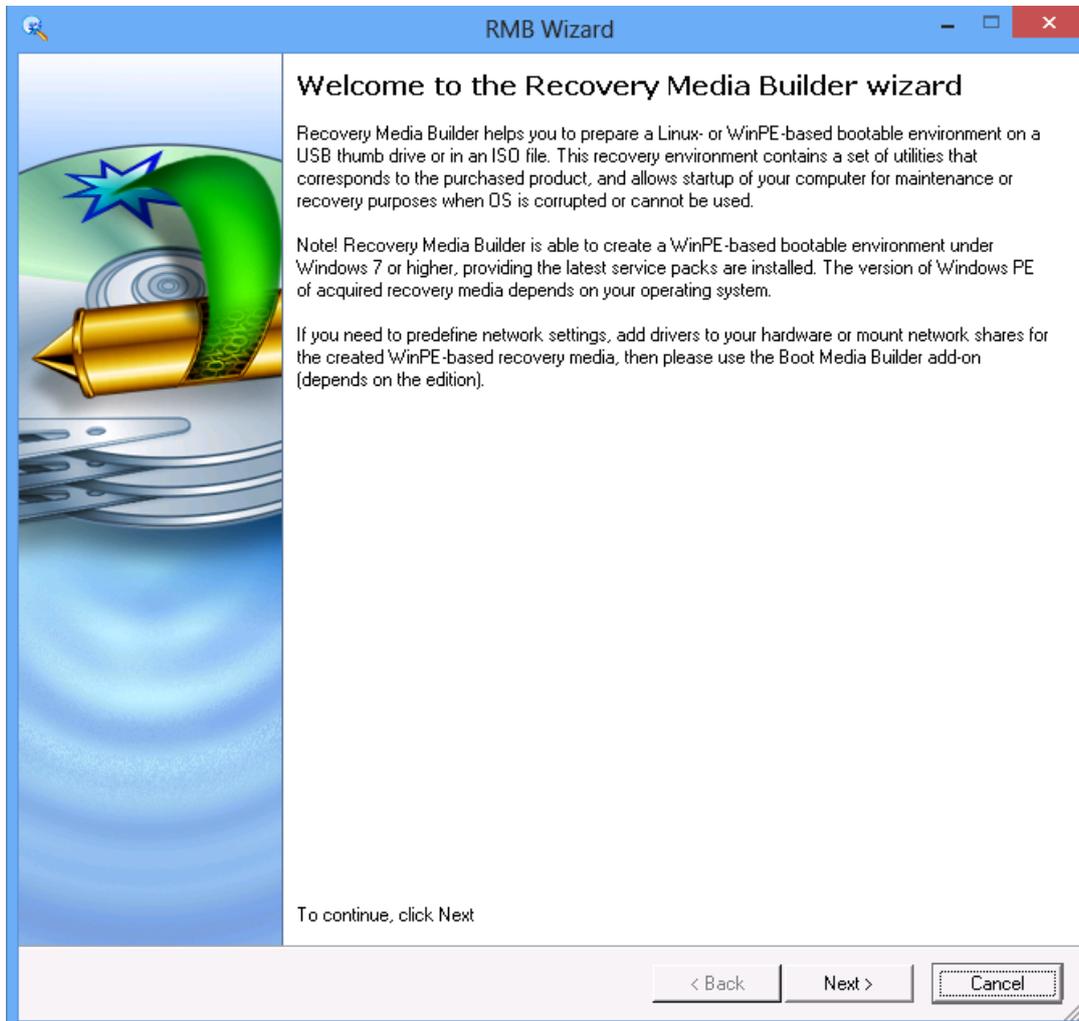


Please consult the [Reconfiguring Utility](#) chapter to learn how to build recovery media for another Paragon's product.

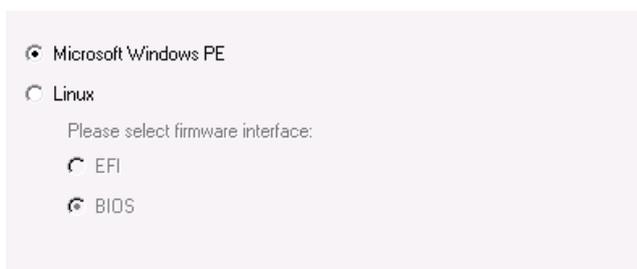
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## Building WinPE Environment on Flash

1. Plug in a thumb drive of at least 512 MBs in size. Please note all data on that drive will be deleted.
2. Select: **Start > Programs > Paragon Recovery Media Builder**, or double click on its desktop icon.
3. The welcome page introduces the wizard's functionality. Click **Next** to proceed.



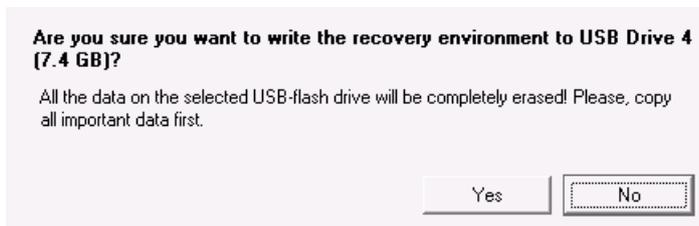
4. Select **Microsoft Windows PE**. As you can see on the screenshot there's no option to choose whether to build a 32-bit (BIOS mode) or 64-bit (UEFI mode) WinPE environment. For 64-bit systems there will be built 64-bit WinPE, while for 32-bit systems – 32-bit.



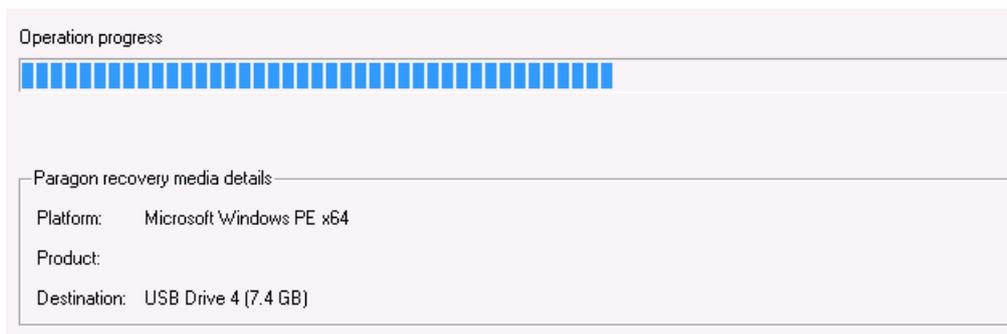
5. Click on **Removable flash media**, then select a thumb drive from the list of flash memory devices available in the system at the moment (if several). If you'd like to create an ISO image of the WinPE environment, please use the corresponding option.



6. The wizard will warn you that all data on the selected drive will be deleted. Please confirm the operation to proceed.



7. The whole operation takes a couple of minutes. As a result, you receive the required bootable media.



## Building Linux Environment in an ISO image

1. Select: **Start > Programs > Paragon Recovery Media Builder**, or double click on its desktop icon.
2. The welcome page introduces the wizard's functionality. Click **Next** to proceed.
3. Select **Linux**, then the required boot mode. If you specify 'EFI' there will be created a 64-bit environment, while 'BIOS' corresponds to 32-bit.



4. Click on **ISO image**. If you'd like to create a thumb drive with the Linux environment on-board, please use the corresponding option.

ISO image

Please specify image file location:

c:\Program Files\Paragon Software\Recovery Media Builder\program\rmb2\Paragon\_recovery.iso

Removable flash media

Please select USB-flash drive:

USB Drive 4 (7.4 GB)

5. The whole operation takes a couple of minutes. As a result, you receive the required ISO image.

Operation progress

Done

Paragon recovery media details

Platform: Linux x86

Product:

Destination: c:\Program Files\Paragon Software\Recovery Media Builder\program\rmb2\Paragon\_recovery.iso

## Reconfiguring Utility

If you'd like to build recovery environment for another Paragon's product, please do the following:

- Depending on your system, click on either a 32-bit or a 64-bit installation package of Recovery Media Builder. Click **Next** to proceed.

**Modify**

 Change which program features are installed. This option displays the Custom Selection dialog in which you can change the way features are installed.

**Repair**

 Repair installation errors in the program. This option fixes missing or corrupt files, shortcuts, and registry entries.

**Remove**

 Remove Recovery Media Builder from your computer.

- Select the required Paragon's product from the list. Click **Next** to proceed.

Click on an icon in the list below to change how a feature is installed.

-----  Recovery Media Builder

Feature Description  
Recovery Media Builder

Please select product which would be used for creating recovery media:

This feature requires 0KB on your hard drive.

Paragon Migrate OS to SSD™ 3.0

Paragon Hard Disk Manager™ 12 Business Edition

Paragon Disk Wiper™ 12 Professional

3. Click **Install** to start the installation or **Back** to return to any of the previous pages and modify the installation settings.
4. The Final page reports the end of the setup process. Click **Finish** to complete the wizard.