Hiren Boot

Hiren's Boot CD PE is a collection of utilities installed on a bootable USB or DVD you can use to troubleshoot issues related to problems with an existing installation of your Windows OS. Hiren's Boot CD PE runs on a version of Windows PE, which is designed to be used for troubleshooting, but can't be used as a full installation of the OS.

There are literally dozens of utilities in the Hiren's Boot CD package, including TeamViewer for remote access, Malwarebytes for removing malware and viruses, a number of disk and system imaging tools, and tools for recovering accidentally deleted files.

**There are many things to do mainly we can do:**

- Window recovery
- One click fixes
- Disk backup
- Partition backup
- Restore
- Passwords reset
- Data recovery

First, we have to download Hiren boot from the website - https://www.hirensbootcd.org/download/

After that we have to make it bootable.

So, we will use rufus to do it. We download the rufus software and select the device we want to boot. Now we will select hbcd.exe file in rufus and we will select our partition scheme based on our PC.
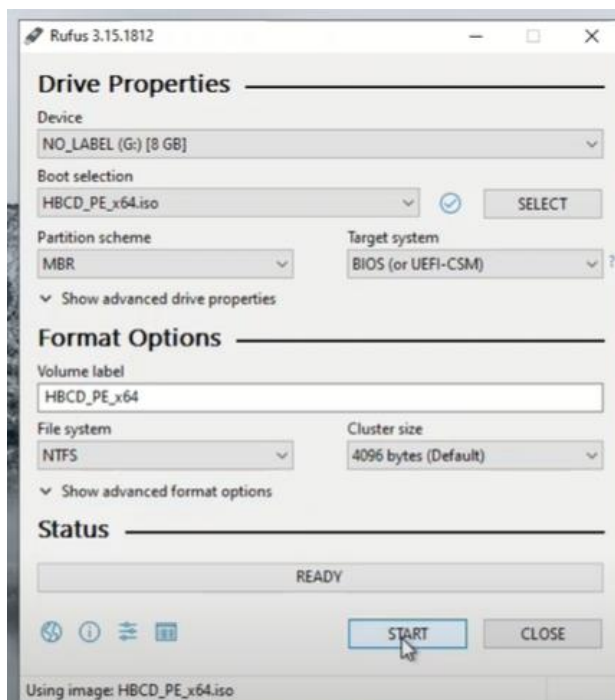
After clicking start our device will be bootable. Then we have to go to our boot menu and select our device. Our system will boot.

Things that are available in Hiren Boot:

Hiren's BootCD PE x64 (v1.0.2) – ISO Content (changelog)

BCD-MBR Tools

- BootIce v1.3.3
- EasyBCD v2.3

Hard Disk Tools – Data Recovery

- CheckDisk GUI v0.3.1
- Lazesoft Data Recovery v4.0.0.1
- Puran Data Recovery v1.2.0
- Puran File Recovery v1.2.0
- Recuva v1.53.0.1087
- DMDE v3.8.0
- ReclaiMe build 3475
- PhotoRec v7.2
- Unstoppable Copier v5.2

Hard Disk Tools – Defrag

- Defraggler v2.22.33.995

Hard Disk Tools – Diagnostic

- GSmartControl v1.1.3
- HDDScan v4.1
- HDTune v2.55
- WD Data Lifeguard Diagnostics v1.37
- Crystal Disk Info v8.12.2
- Test Disk v7.2

Hard Disk Tools – Imaging

- Acronis TrueImage 2021 build 39216
- AOMEI Backupper v6.5.1
- Lazesoft Disk Image & Clone v4.0.0.1
- Macrium Reflect PE v7.3.5925
- Runtime DriveImage XML v2.60

Hard Disk Tools – Partition Tools

- AOMEI Partition Assistant v9.2.1
- Macrorit Partition Extender v1.5.0
- Macrorit Partition Expert v5.6.1
- DiskGenius v5.4.2.1239
- EaseUS Partition Master v14.5

Hard Disk Tools – Security

- HDD Low Level Format Tool v4.40
- Eraser v6.2

Windows Recovery

- Lazesoft Windows Recovery v4.0.0.1

Other Tools

- FSViewer v7.5
- Free Office rev 703
- Sumatra PDF v3.2
- 7-Zip v21.02
- ExamDiff Pro v12.0.1.1
- HxD v2.5.0
- Notepad++ v8.1
- WinMerge v2.16.12
- VLC Media Player v3.0.16

Removable Drive Tools

- CDBurnerXP v4.5.8.7128
- Rufus v3.14.1788

Security – AntiVirus

- ESET Online Scanner v3.5.6
- Malwarebytes Anti-Malware v2.2.1.1043
- McAfee Stinger v12.2.0.268
- Kaspersky Virus Removal Tool

Security – KeyFinders

- ProduKey v1.97
- ShowKeyPlus v1.0.7060

Security – Passwords

- Lazesoft Password Recovery v4.0.0.1
- NT Password Edit v0.7
- Windows Login Unlocker v1.6

System Tools

- CPU-Z v1.96
- GPU-Z v2.40
- HWInfo v7.04-4480
- Speccy v1.32.774
- WinNTSetup v4.6.3
- Attribute Changer v10.0
- Change Keyboard Layout v1.0.0
- Dependency Walker v2.2.6
- Registry Backup v4.0.0
- Regshot v2.0.1.70
- SysInternals Suite
- PowerShell Core v7.1.3

Network

- Aero Admin v4.7
- Acrylic Wi-Fi Home v4.5.7802
- Chrome v91.0.4472.106
- Mozilla Firefox Quantum ESR v78.11.0.7821
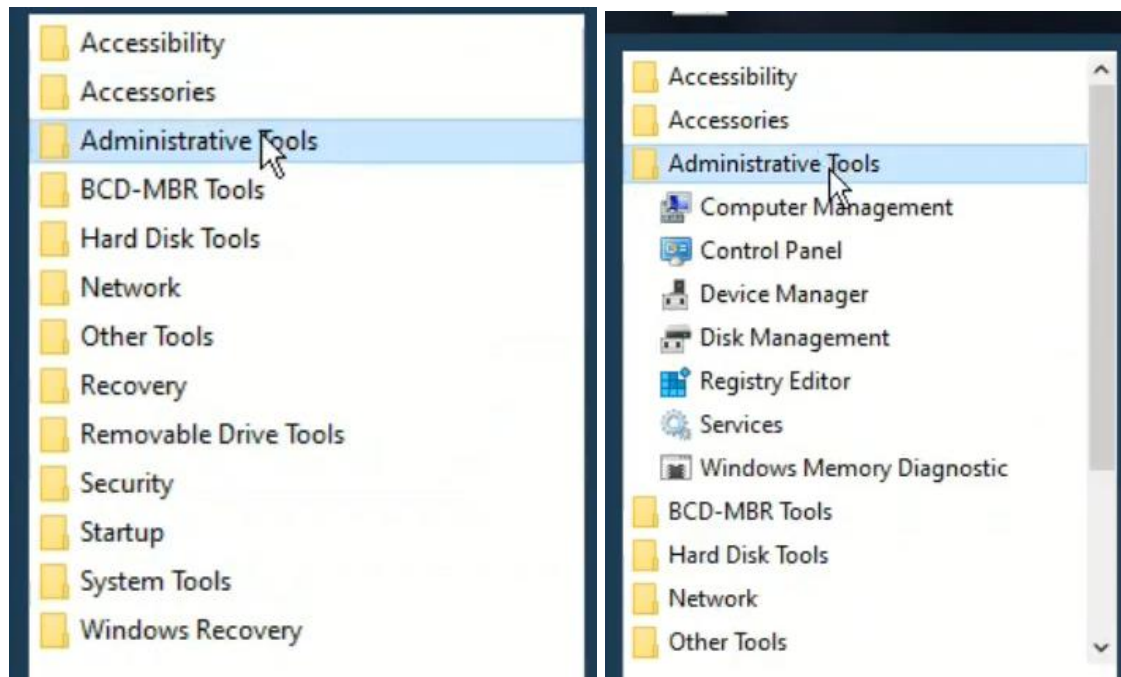- PENetwork v0.59.0.B12

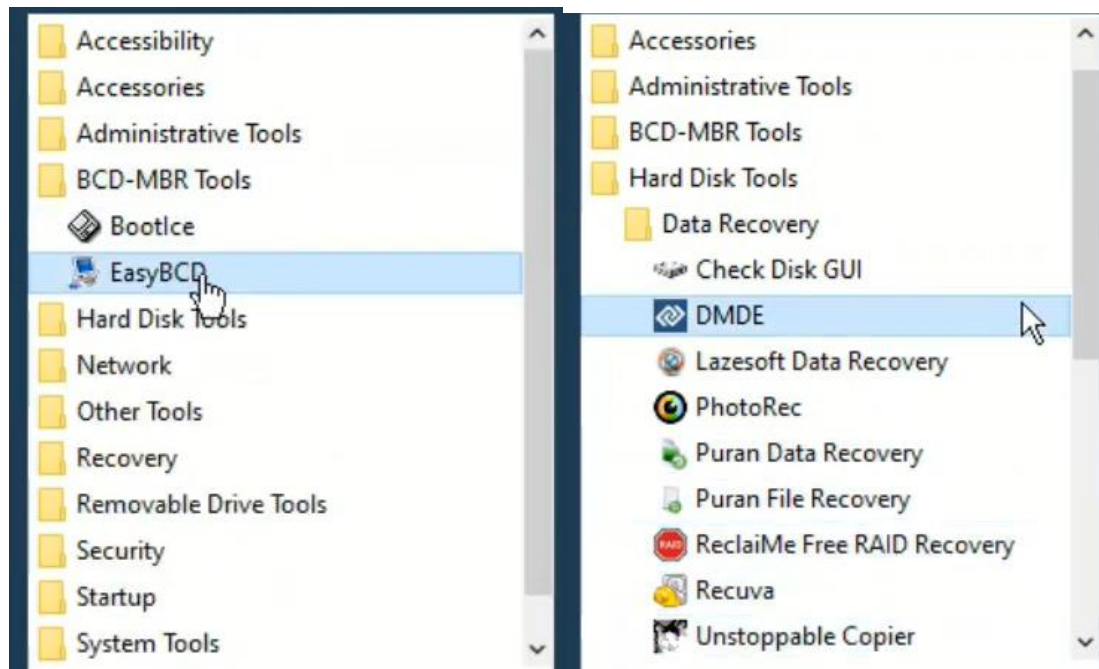After the system boot this will be our home page of hiren boot:
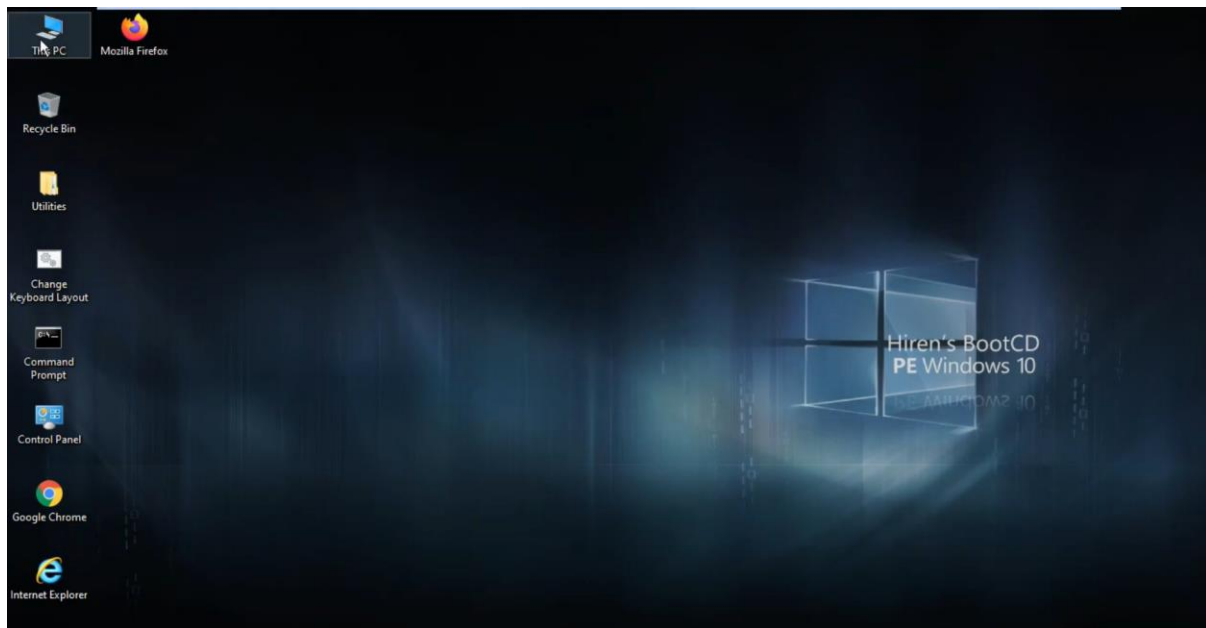
In This PC application we will get our main PC data. We can copy it and paste in our hirenboot.

We get many application pre-installed in Hiren Boot in our start menu.
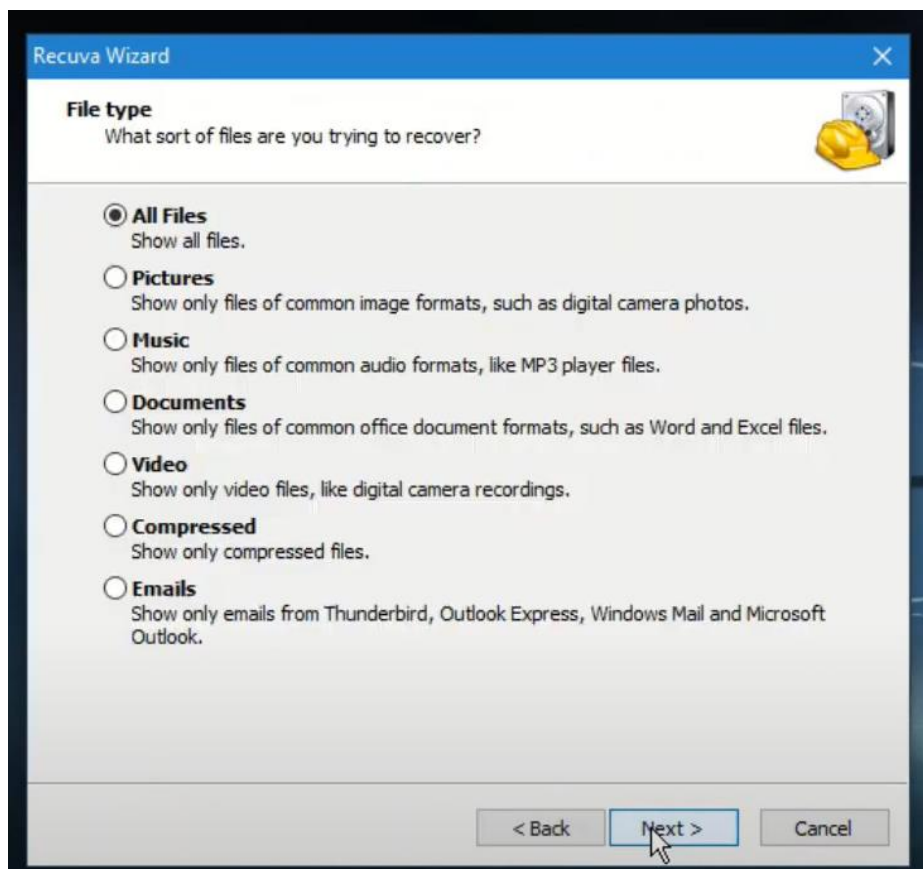
Following are some of the main features of Hiren Boot:

All these data recovery softwares are paid but using hiren boot we can access it freely.
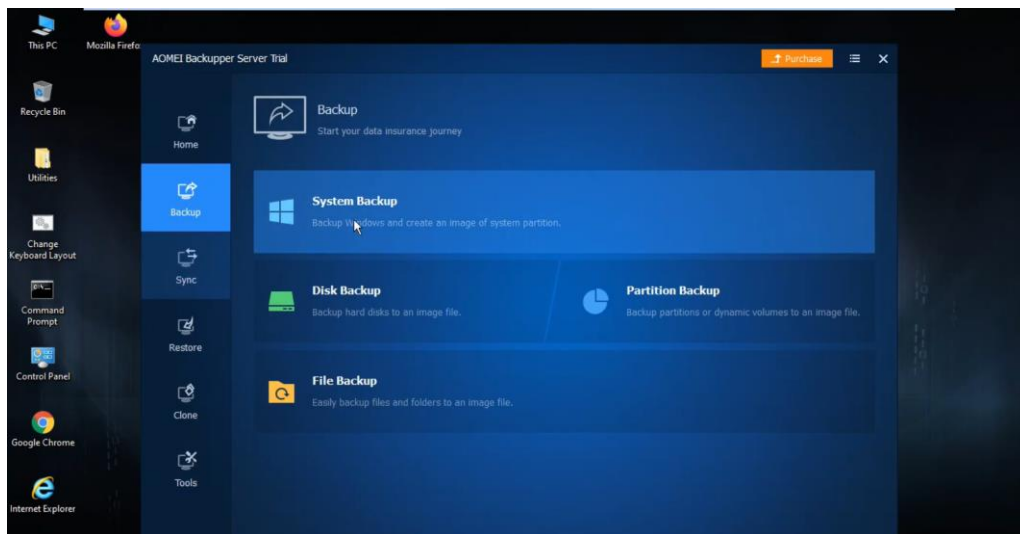
And data recovery is very easy with this software.
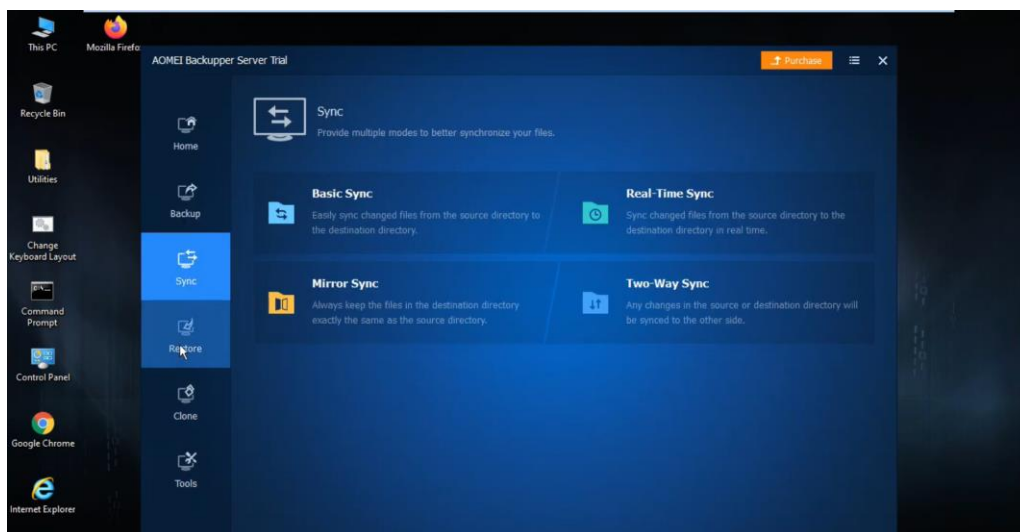
Using Recuva Software I can recovery all of my data.

And we can recover all the data we deleted.

Using AOMEI Backupper we can clone and backup our whole hard disk and can create a backup of it.
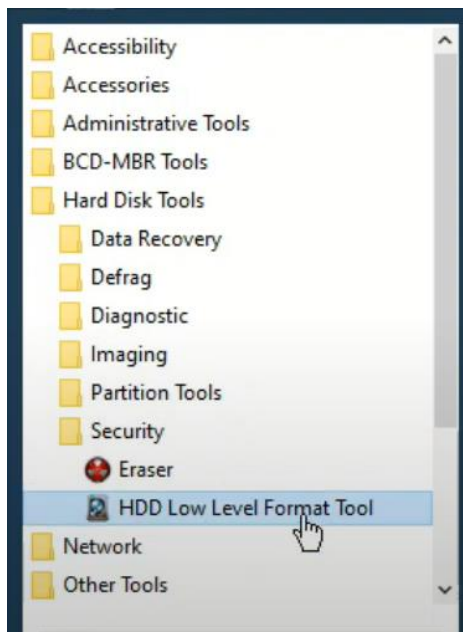

We can sync our hard disk once we backup. We can restore it.
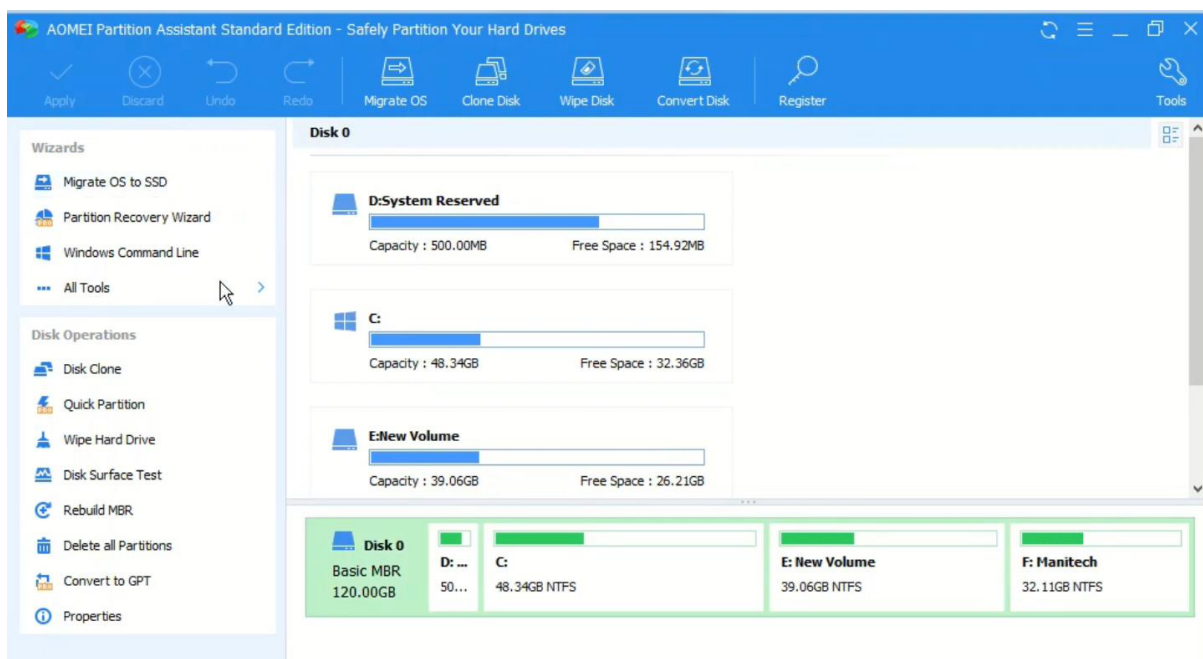

We can even clone our entire system, a single drive, etc.
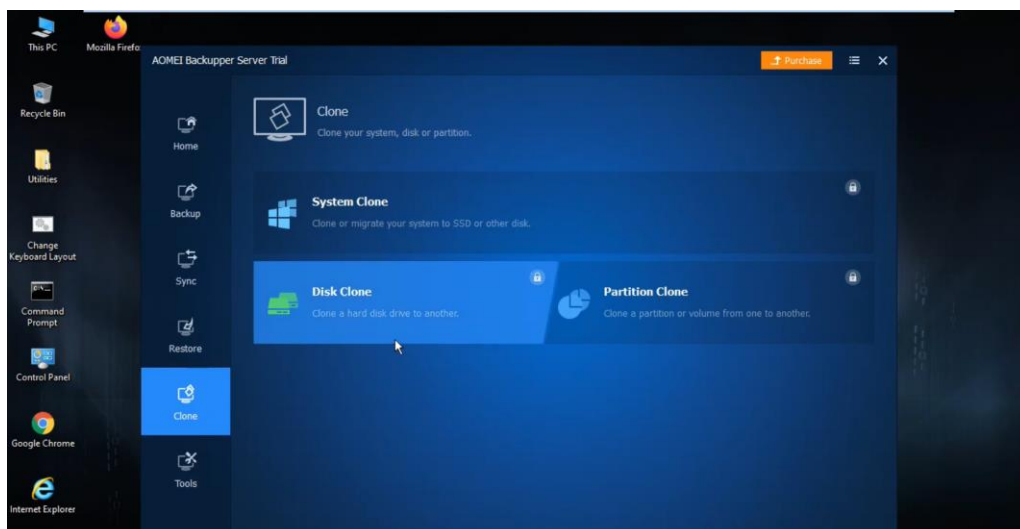
If we go in 'Hard disk tool- security- HDD Low level Format tool' we can format our Hard disk at a very low level.
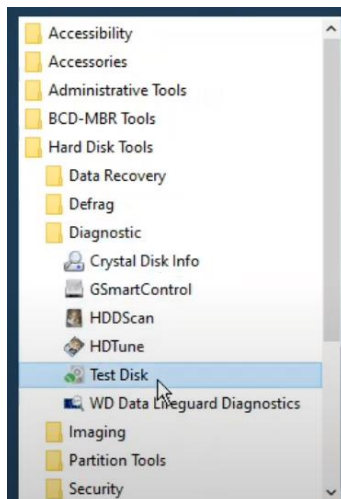

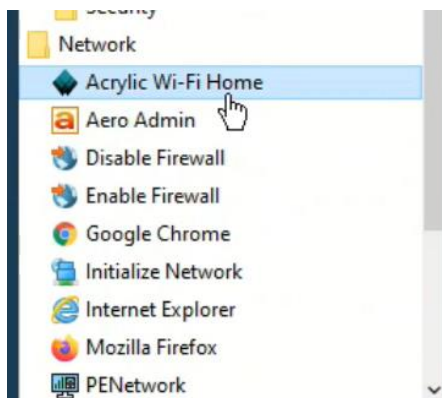**Then we a tool called AOMEI Partition Assistant:**

We can Migrate our Operating system from one disk to another, We can enitrely clone our disk, we can wipe our entire disk, Convert disk from MBR to GPT.

We can scan our HDD using the diagnostics tools.

In network we can do many things such as enable or disable firewall.
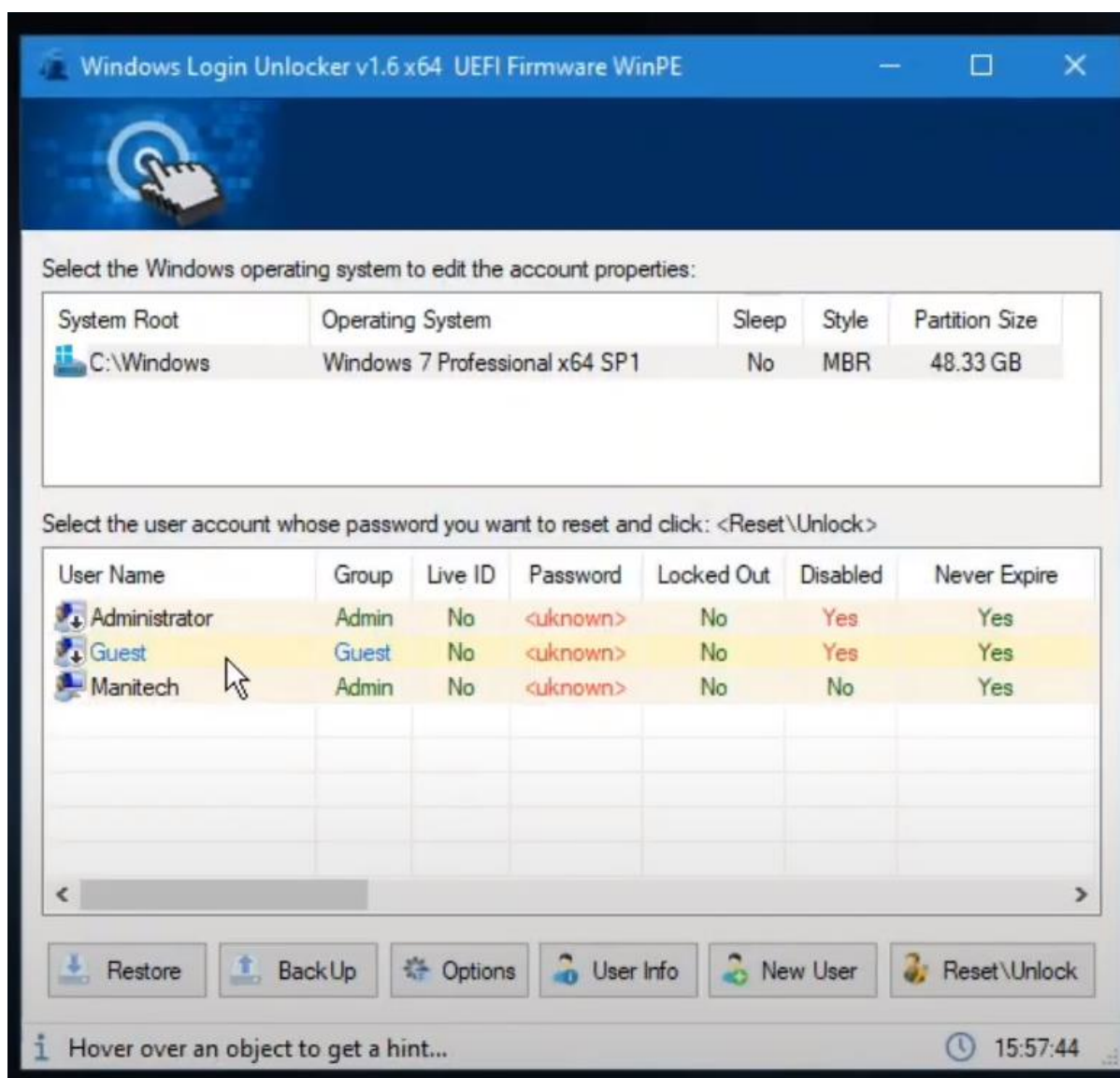

We security session we have free anti virus, etc.

We can find key. It will show our PC Product key

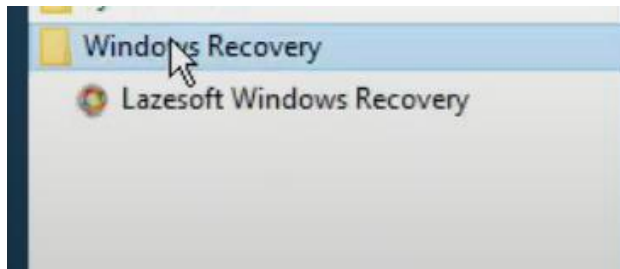**In password session we have software to recover password.**

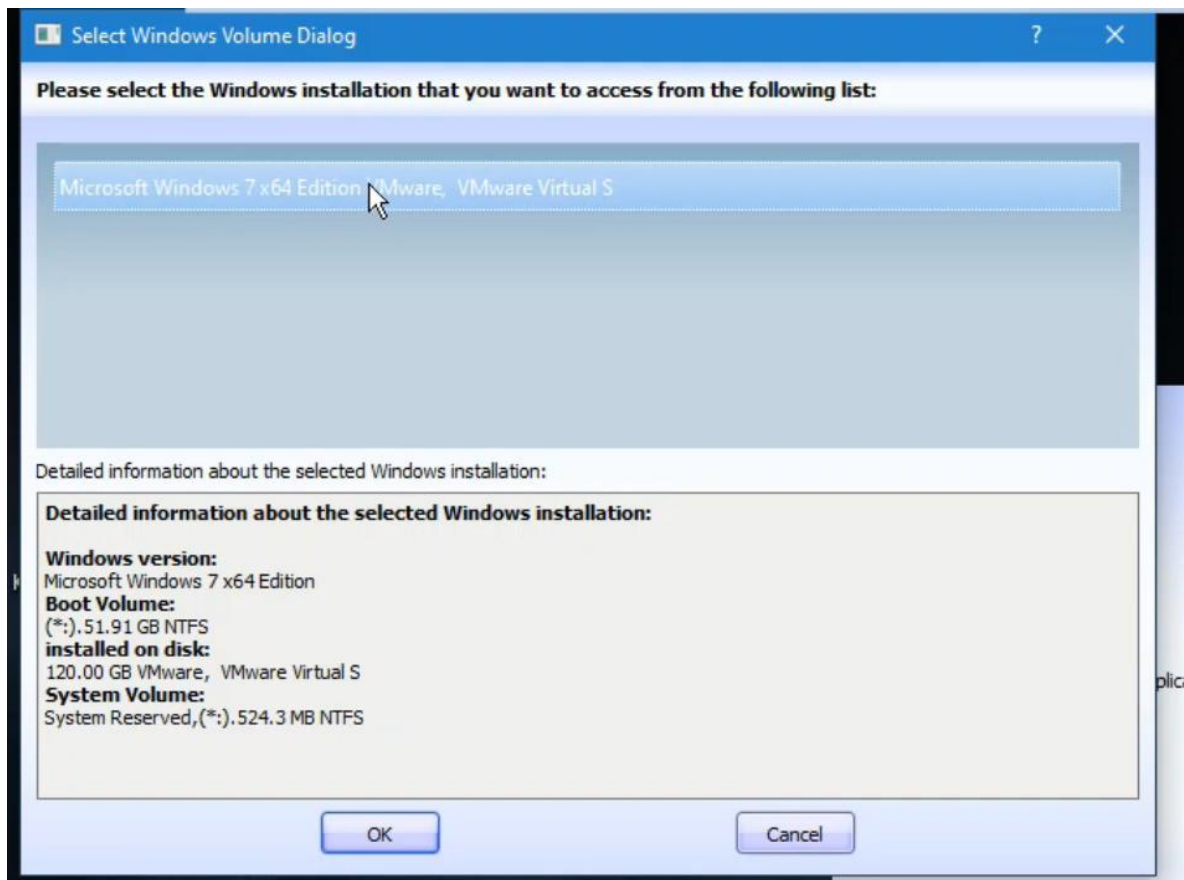**This is windows login unlocker tool:**

We can restore, backup, create new user, reset all the passwords.

If there is any problem with startup, boot menu or bios we can use Windows Recovery tool to solve the problem.
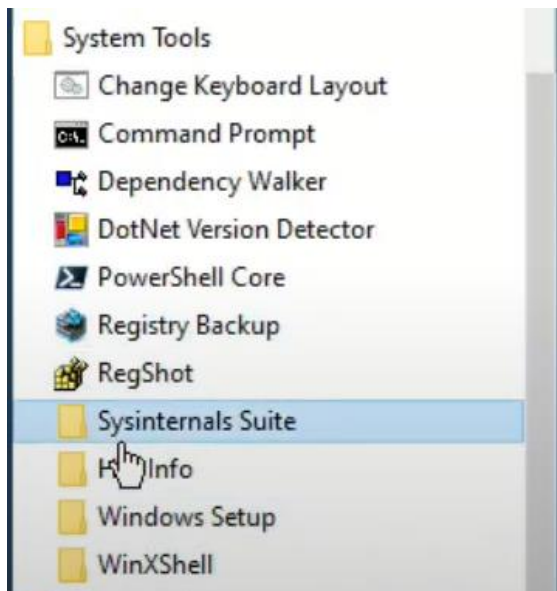

This is the Lzaesoft Windows Recovery application:

Using this tool we can do many things.

We also have many system tools:

So using Hiren Boot we can do many things in our Windows OS.