Green spider USB Key OS english

Free-Solutions OS / Green Spider :

What it is and what it is not :

Green Spider is the release name of Free-Solutions OS. It is pure GPL/GNU Linux

based on Debian- Ubuntu/Kubuntu. Works in most PC & Mac Hardware

So usual GPL licence and restrictions applies for the key and its entire content.

Green Spider is not a Brand, just a release name that associate an animal with a color. Green Spider make sense as this first key enable great

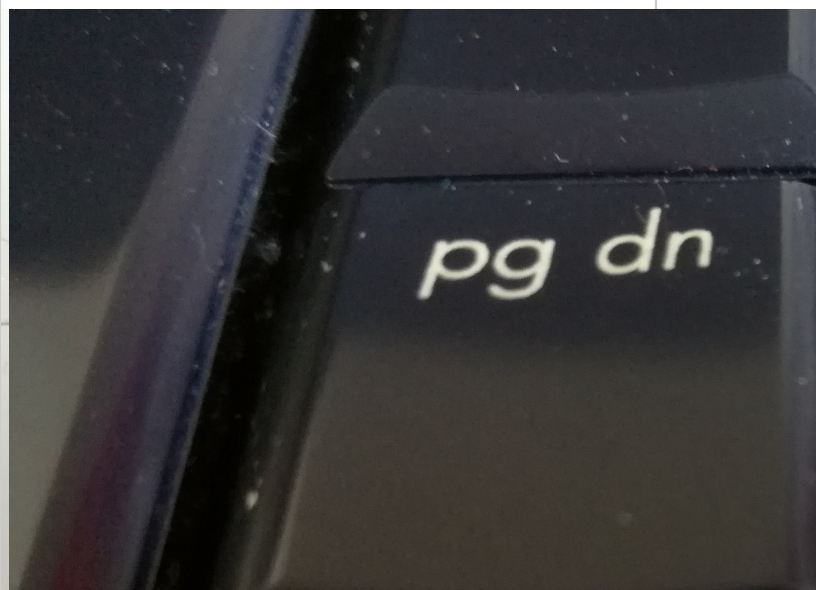recycling for Old Hardwares, so a green way to surf the web.

It is a full OS running into a USB Key. In other words your entire PC is within the Key and can run on any hardware. Free-Solutions is selling and delivering the pre-configured and ready to use USB-KEY

NEVER - NEVER Unplug the key while running. Ensure PC is powered down before retrieving your key even if you do a force shutdown.

If you have any problem, do a hard reboot before removing the key

Preconfigured application list

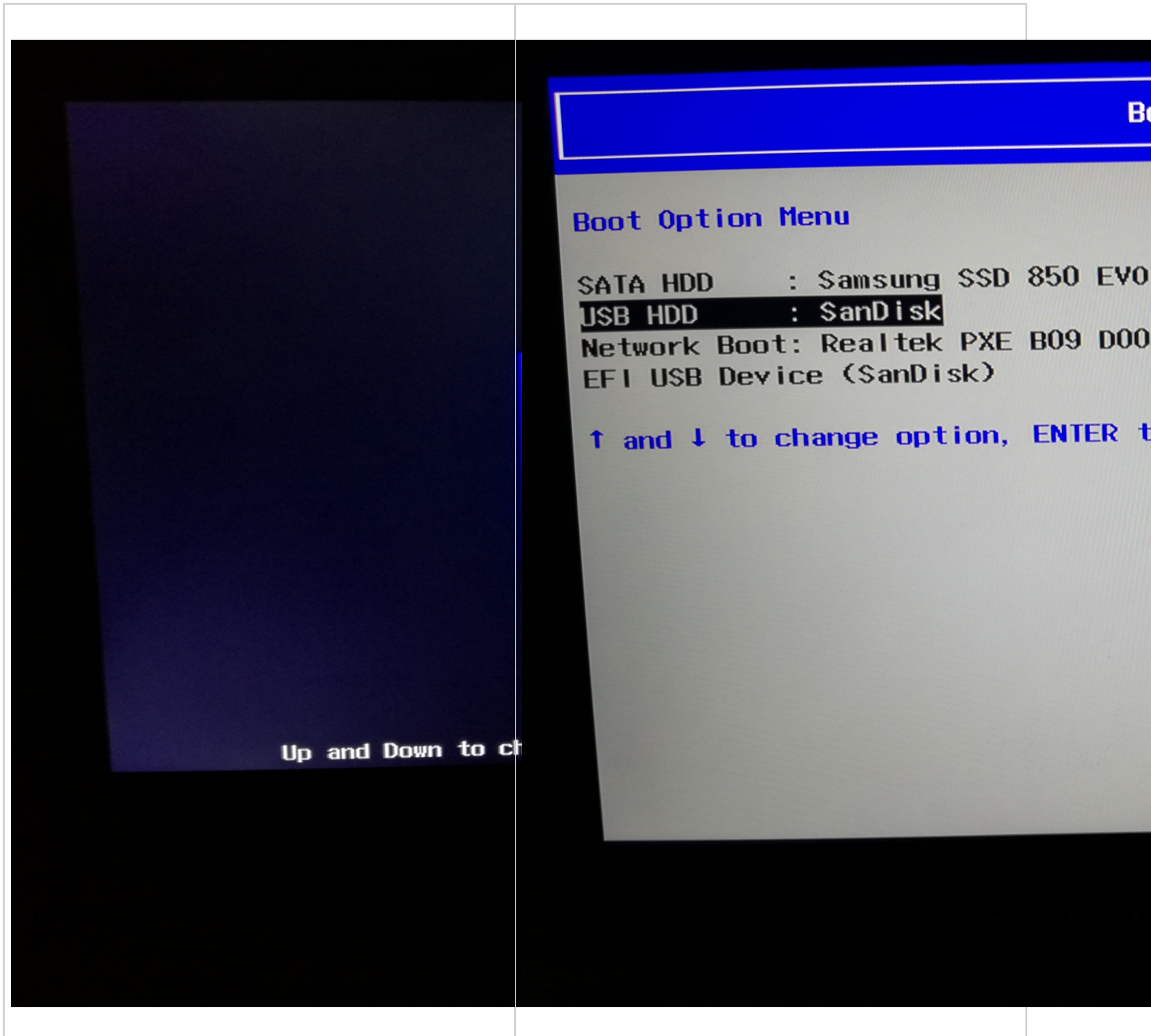| Sandisk Ultra Fit	HP DV6 Touch Screen

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Boot sequence

1-Boot from USB Check and find correct key to press at boot

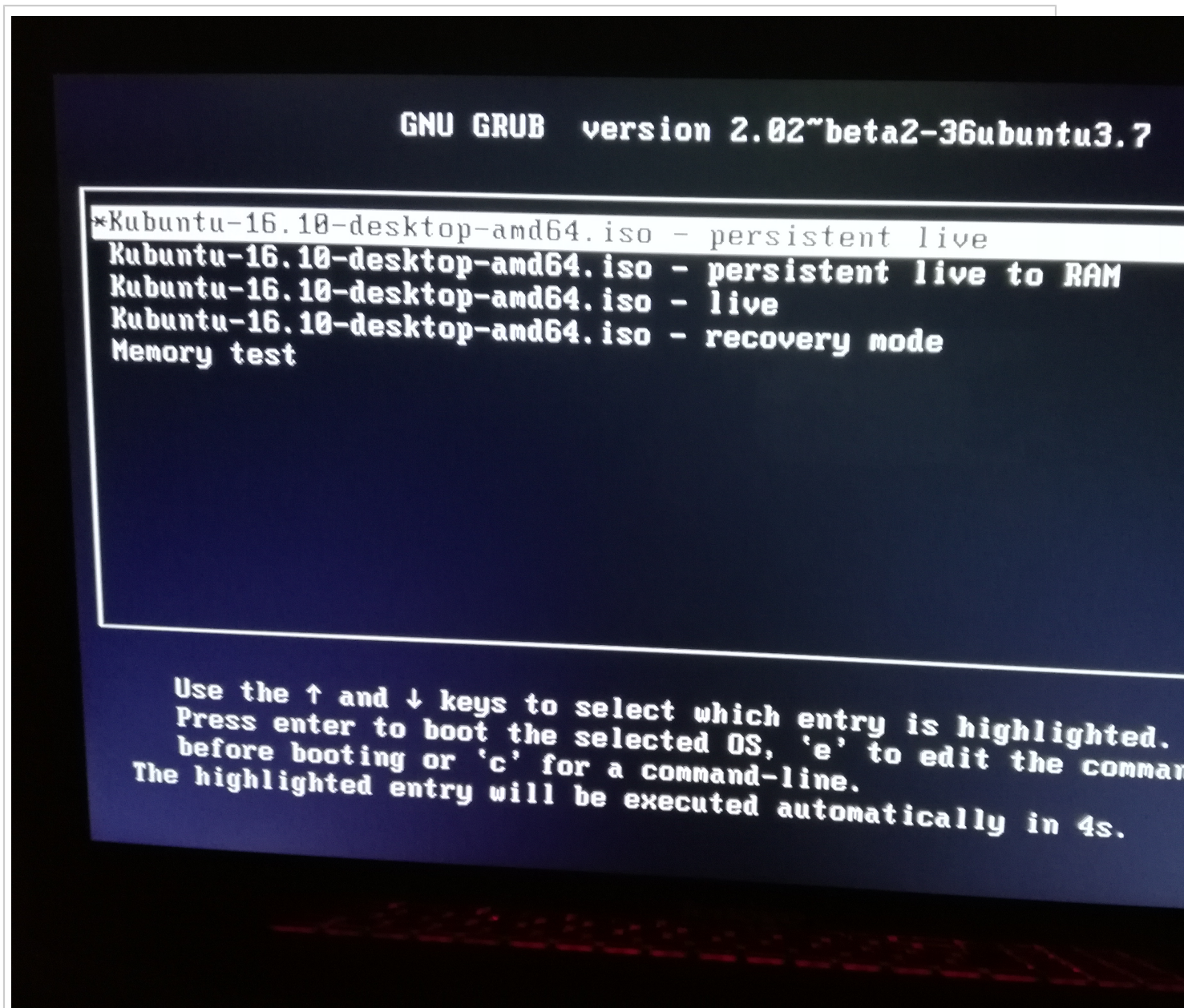Make sure you are booting on USB, check BIOS if necessary

Check this document / USB Boot howto See table at the end of this document :

Start your Boot menu(check boot howto)	Choose USB device too boot on

Boot Option Menu

SATA HDD   : Samsung SSD 850 EVO
USB HDD   : SanDisk
Network Boot: Realtek PXE B09 D00
EFI USB Device (SanDisk)

↑ and ↓ to change option, ENTER t

Up and Down to ch

If you start on USB, you get into the following menu :

Kubuntu Boot menu, use default

If you do not have this menu, double check USB boot howto instructions for your computer

Choose default Persistant live, or wait

-Drink a coffee, be patient your system is loading (3mn-till 10mn on old HW, first time)

-Wait for green spider to show up on your screen

You will go through several states, Black screen at boot is normal, cursor is blinking, just wait untill You get Login Screen
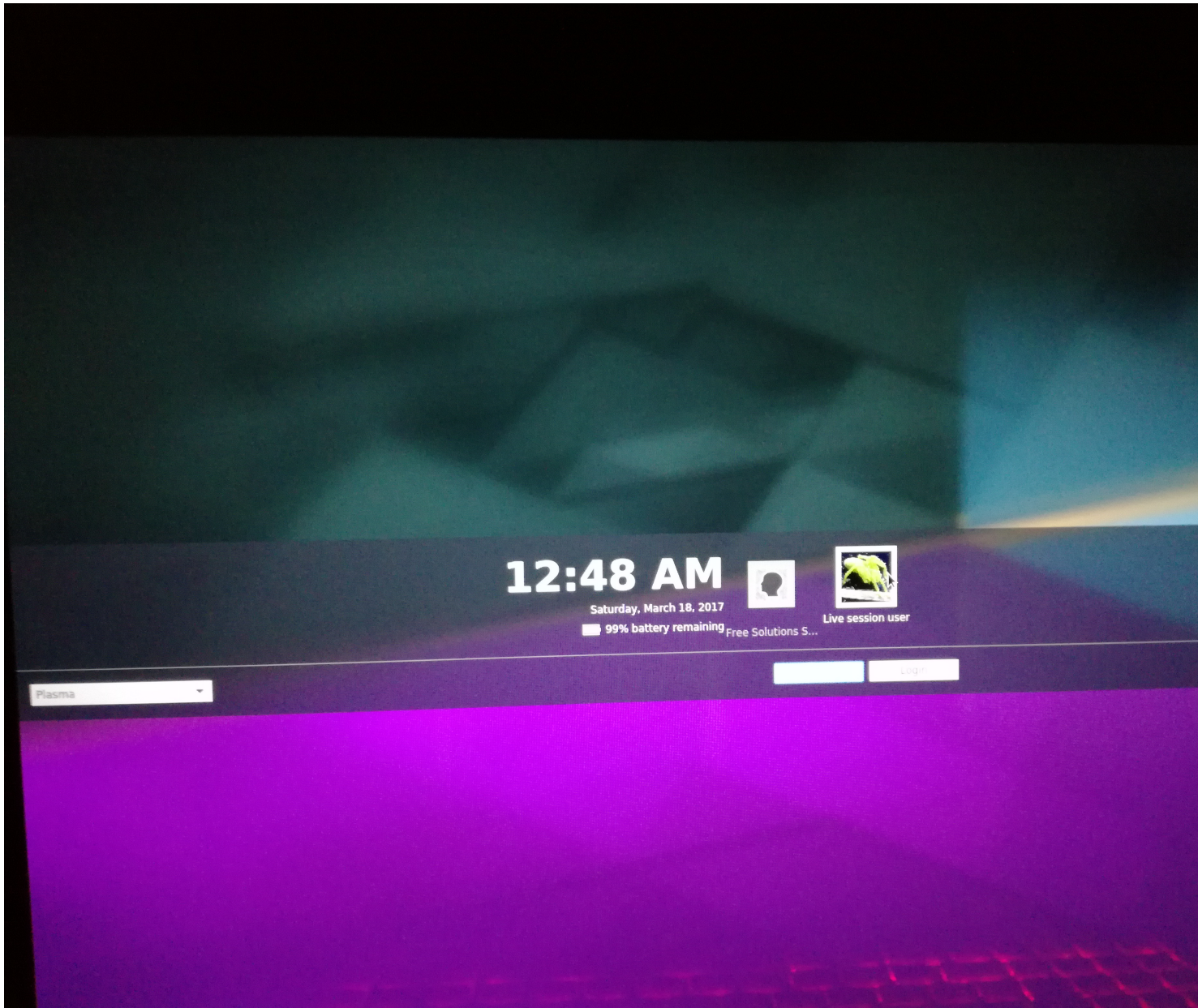
After 3 to 10 min you get the **login screen**, be patient on old machines as

HW config is built on the fly at first boot

Login Screen :

By default, password=12345678, feel free to set a Password to lock your Key

Then

And finally you enter your session, your computer is ready to use, have fun

Maintenance :

You need to do a File Système check to correct inode and file ssytem errors

To check and correct disk errors :

-Boot "live" : 3rd option from boot menu

-Open a terminal and :

type or cut and paste
sudo su
setxkbmap ch

> ### *fsck -y /dev/sdb5*

fsck is correcting any disk inconsistancies, needs to be done every 1-3 month

Patches :

Apply Patches , currently Patch 1 & **Patch 2**

Software upgrade :

Once Patch are applied, perform Software upgrades via discovery app or Open a Terminal and do :

sudo apt-get update

sudo apt-get upgrade

USB Key and instructions for each vendor

Below is a list of PC brands with their corresponding hot-keys.

Manufacturer	Type	Models	Boot Menu	Boot Once	BIOS Key	Change Priority
ACER			Esc, F12, F9		Del, F2	
ACER	netbook	AspireOne, Aspire Timeline	F12		F2	
ACER	netbook	Aspire v3, v5, v7	F12	The "F12 Boot Menu" must	F2	

				be enabled in BIOS. It is disabled by default.		
APPLE		After 2006	Option			
ASUS	desktop		F8		F9	
ASUS	laptop		Esc		F9	
ASUS	laptop	R503C	F8		DEL	
ASUS	netbook	Eee PC 1025c	Esc		F2	Boot Tab, Boot Device Priority, 1st Boot Device, Removable Device, F10
COMPAQ		Presario	Esc, F9		F10	BIOS "Advanced Tab", Boot Order
DELL	desktop	Dimension, Inspiron, Latitude	F12	Select "USB Flash Drive"	F2	
DELL	desktop	Inspiron One 2020, 2305, 2320, 2330 All-In-One	F12	Select "USB Flash Drive"	F2	
DELL	laptop	Inspiron	F12	Select "USB Storage Device"	F2	Settings->General->Boot Sequence->"USB Storage Device", then up arrow, [Apply]--[Exit]
DELL	laptop	Precision	F12	Select "USB Storage Device" from boot menu	F12	
EMACHINES			F12		Tab, Del	
HP	generic		Esc, F9		Esc, F10, F1	
HP	desktop	Media Center	Esc		F10	BIOS "Advanced" tab, Boot Order, Move "USB Device"

						before "Hard Drive"
HP	desktop	Pavilion 23 All In One	Esc	Select boot media from the menu	F10	BIOS "Advanced" tab, Boot Order, Move "USB Device" before "Hard Drive". For non-UEFI media, disable secure boot and enable legacy support
HP	desktop	Pavilion g6 and g7	Esc		F10	BIOS "Advanced" tab, Boot Order, Move "USB Device" before "Hard Drive"
HP	desktop	Pavilion HPE PC, h8-1287c	Esc	Then F9 for "Boot Menu"	Esc F10	Storage tab, Boot Order, Legacy Boot Sources
HP	desktop	Pavilion PC, p6 2317c	Esc	Then F9 for "Boot Menu"	Esc F10	Storage tab, Boot Order, Legacy Boot Sources
HP	desktop	Pavilion PC, p7 1297cb	Esc	Then F9 for "Boot Menu"	Esc F10	Storage tab, Boot Order, Legacy Boot Sources
HP	desktop	TouchSmart 520 PC	Esc	Then F9 for "Boot Menu"	Esc F10	Storage tab, Boot Order, Legacy Boot Sources
HP	laptop	2000	Esc	Select "Patriot Memory" on the Boot Option Menu	Esc	
HP	notebook	Pavilion	Esc		F10	BIOS "Advanced" tab, Boot Order, Move "USB Device" before "Hard Drive"

HP	notebook	ENVY dv6 and dv7 PC	Esc	Then F9 for "Boot Menu"	Esc	F10 Storage tab, Boot Order, Legacy Boot Sources
INTEL			F10			
LENOVO	desktop		F12, F8, F10		F1, F2	
LENOVO	laptop		F12		F1, F2	
LENOVO	laptop	IdeaPad P500	F12 or Fn + F11		F2	
NEC			F5		F2	
PACKARD BELL			F8		F1, Del	
SAMSUNG			F12, Esc			
SAMSUNG	netbook	NC10	Esc		F2	Boot Tab, Select "Boot Device Priority", Press Return, Up/Down to Highlight, F6/F5 to change priority
SAMSUNG	ultrabook	Series 5 Ultra and Series 7 Chronos	Esc		F2	Boot Tab, Select "Boot Device Priority", Press Return, Up/Down to Highlight, F6/F5 to change priority
SHARP					F2	
SONY		VAIO, PCG, VGN	F11		F1, F2, F3	
SONY		VGN Esc	F10		F2	BIOS "BOOT" section, "External Device Boot" enabled
TOSHIBA		Protege, Satellite, Tecra	F12		F1, Esc	
TOSHIBA		Equium F12	F12		F12	

Hardware requirements :

Works on most PC Hardware less than 10y old. Works also on most Mac hardware.

Limitations : WIFI support for some Apple Hardware