

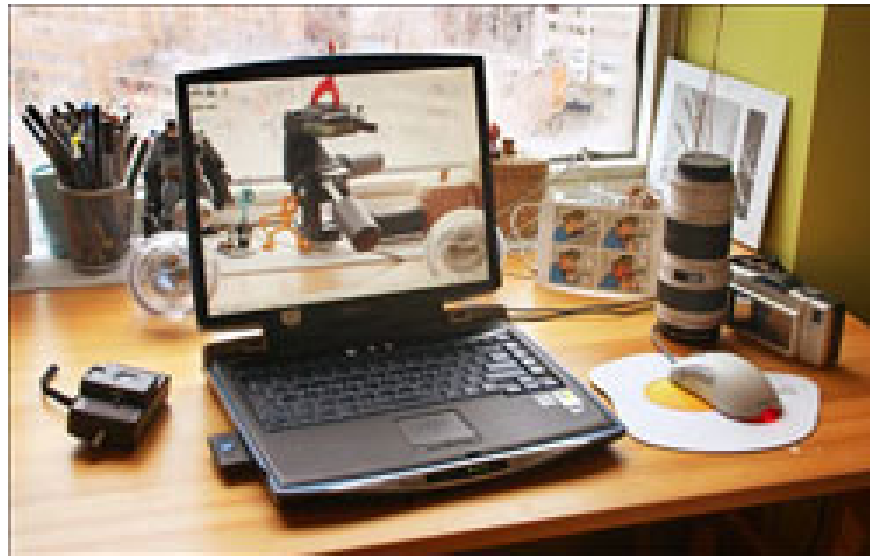
Use a laptop for the best

The fact that you have recently purchased a laptop that you do not know how to use and maintain properly will result in serious consequences that reduce the life of the machine. Even by unintentional or unintentional, the device you buy will not be guaranteed by the distributor for silly reasons, due to bad habits or because you don't know how to use it.

Folk has a saying: 'is it durable in people', is this sentence true for the way you use a newly purchased laptop?

The fact that you have recently purchased a laptop that you do not know how to use and maintain properly will result in serious consequences that reduce the life of the machine. Even by unintentional or unintentional, the device you buy will not be guaranteed by the distributor for silly reasons, due to bad habits or because you don't know how to use it.

I. Preserving hardware



So, to use the laptop the most durable. Please follow our little advice. Make sure your device will be a steed that will help you achieve academic success, work and life.

As soon as you receive the handover from the store, please check the information on the delivery slip, warranty card and invoice. Do you check all the information on the paper (your personal information, serial number, product information) matches the information on the product that the employee is handing over to you? If you find a mistake, ask the employee to reprint it for you and the other documents should not be signed by the employee because it does not guarantee your benefits when something happens.

In addition, you must check the product to see if it is scratched, broken or malfunctioned. It is best to buy a computer when you buy a computer, so you can advise someone to buy a product that is suitable for your needs, avoid unnecessary waste.

1. Use and store machines

- ***You should not leave your computer near wet or dusty places*** . Because dirt or water can greatly reduce the life of a computer. The machine may even fail if it gets water or a machine with too much dust attached to the CPU fan.

- ***Do not leave water, coffee or ice water near your device*** . Most likely, by accidentally pouring a glass of water into your computer and 'oh' your device will 'die' due to those careless actions.

- ***When the device gets into the water, keep the balance of the machine fixed*** and quickly ask the person to withdraw the battery, unplug the Adapter. Then tilt the device to let the water run out, then take the device to the laptop repair company and ask the technician to unplug it and dry it. You should not arbitrarily unplug the device because there are many different details on the computer, if you don't know how to assemble it, it may lead to a break in the joints (fish) on the machine. In addition, the details are not installed in the most appropriate position as you install the screw incorrectly, the screw can penetrate the mainboard of the machine and completely damage it.

- ***When moving the device, turn off the computer*** and make sure it is turned off completely because if you do not turn off the machine and move the machine, the head of the hard drive will have vibration impact on the disk surface. If the hard drive is slightly damaged, it may be Bad Sector, and if it is badly damaged, you must replace it with a new hard drive.

- ***Do not place heavy objects on the machine*** or use your hands on the machine. Your action may break the LCD screen.

- ***Do not use optical discs (CDs, DVDs) of poor quality*** or the surface of the disc is too scratched. Also if your optical drive is a burner, you should not write too many discs on it. If you have to record multiple discs continuously, when you finish recording a disc, give the drive a break of about 15 minutes to drive it down, then continue recording.

- ***When traveling far away, you must bring a laptop*** . Put it in a shockproof bag and put it into a compartment, check it and make sure it is safe to put it in that compartment. Another important thing to keep in mind is to leave hard objects such as mice, adapters, cosmetics . away from the laptop compartment. Because in the process of moving, those hard objects can hit and damage the screen of the device.



- ***When using the machine in a public place such*** as a classroom, office, airport, student accommodation . You use a laptop lock to lock the computer to avoid your computer being taken by crooks. Each machine has a small slot so you can lock it into any object such as a table leg or chair leg (things you think it ensures for computer safety).

- ***When using the machine at home, you should not leave the device in a cushion bed*** , because the air escape slots on the machine can be covered to prevent the heat from being released. Since then, the machine is easy to produce 'weird' diseases such as hanging, self-turning, unstable running . In addition, the small cotton fibers on your bed can be sucked into those slots and cling and CPU heat sink, If you do not clean for a long time, it will lead to a "bizarre" situation.

- ***When leaving the device on the table, create a space between the machine and the tabletop*** so that the heat dissipation is better. Best if you can buy a cooling Dock for your laptop, the Dock has all the necessary functions for your computer to operate cool and stable.

2. Use and store batteries

- Battery charging and discharging can be defined as follows:

1. ***Charging the battery*** : It is the operation of the laptop with the power supply (Adapter). Whether you turn on the device or not to turn on the device is defined as charging.
2. ***Battery discharge*** : Is manipulating the laptop using electrical energy from the battery mounted on the machine.

When battery technology also uses NiMH batteries (nickel metal hydride) there is a problem called "battery memory", causing the battery to "forget" the full charge and start charging the battery at lower levels. But since the Lithium-ion battery is used, this problem no longer exists, and the information about battery usage based on NiMH battery knowledge remains, leading to much controversy. You may have heard the "legend" of draining the battery and charging it three times, even when using the laptop for the first time, will make the laptop battery durable and free from bottles. However, this is only true on NiMH batteries, and will be harmful if applied to Lithium-ion batteries. You should use it normally and charge the battery when the battery is low (usually at 20%), the battery should not be drained. There have been many people using Lithium-ion batteries experiencing a situation where the new battery can be recharged, then the battery will not enter the power.

Another classic "legend" for laptop batteries is that the battery should not be installed while plugging in the charger, because it will quickly drain the battery. However, today's modern laptops have been designed to stop charging when the battery is full, so having a charger plugged in when the battery is full or not will not affect the battery life. This is also the statement that Battery University made. Also, be aware of this, installing a battery in a laptop will help your laptop with backup power to use in case of a sudden power failure, minimizing the chance of a hard drive failure, hard drive, or other hardware. depends on the power source. Laptop batteries are much cheaper than other hardware components.

- In the process of using later, please follow the instructions below:

1. When attaching the battery to the device, be sure to install all the fixing pins and the battery. If you do not attach the battery to the slot, it will lead to the contact points of the power source between the battery and the flickering machine causing unnecessary damage.
2. Battery capacity will decrease over time and this is completely normal.
3. When you compare battery capacity and usage time between the same machines. You have to consider whether the two operating systems you have compared are the same. Because each operating system will consume battery life as a guest. For example, your computer has just purchased Windows XP with 3 hours of battery life, but when you install the Windows Vista operating system make sure that the battery life you can use is reduced by 25% or more. That means your battery life is only 2 hours.
4. If your battery is bad or damaged, you can repair it at computer repair centers. The cost of repairing a battery depends on the type of device you are using, from \$ 20 to \$ 35. If you have a financial balance, you can buy another Battery for \$ 45 to \$ 90 depending on the type of device you are using and depending on the type of battery (number of cells determines the cost of the battery, battery The higher the price, the higher the price you want to buy.
5. When you travel far away, fully charge your computer and remember to bring the power adapter (Adapter) carefully.
6. When you are plugging in the power and unplugging the power cord to use power from the battery. Your computer screen brightness will drop to low. This is perfectly normal because manufacturers have programmed so, you can adjust the brightness of the screen with the function keys on the machine. Usually you use the Funtion key - A button that controls the brightness adjustment function.
7. When you use a computer that is using power from the battery mounted on the machine. You should know the screen is the place that will consume the most energy from your battery. Use the function keys to reduce the brightness of the screen down. This can save maximum battery life on your computer.
8. When using a battery, if you do not use Wifi to connect to the Internet. Turn off the Wifi function of the device! The Wifi function of the device is also a component that consumes a lot of power from the battery you are using.
9. If the laptop battery has a bottle, the battery is fully charged but the power is unplugged or the laptop battery does not charge, you should bring the laptop to repair shops to check the battery. If the battery fails

you should remove the battery and replace it, installing a problematic battery in a laptop can cause electric shock, impact, or even damage other hardware devices.

3. Using power source (Adapter)

- Always use the power adapter (Adapter) included with the device. Do not use unknown adapter, unknown voltage and unknown current. Because the use of power is not good, it may cause the machine to run short, the battery will fail quickly and even damage the circuit of the machine, so it will not work.



- Do not leave power on the ground or where people often go. Because if someone accidentally stumbles upon a power cord, it will drag your computer from the table to the ground. Lightly scratched, badly damaged, the screen will break after that impact.
- Do not leave the power of the device near wet areas. Because the adapter of the device can get into the water, the components are oxidized, resulting in an adapter failure.
- Do not attach the power plug to the socket that does not guarantee safety and quality. Because when plugging the power plug into an outlet, bad contact can lead to power failures and damage to the Adapter and damage to the computer.
- When traveling far away, you should not leave the Adapter with the computer compartment. Because in the process of moving the Adapter can hit the machine. If it is light, the machine will be scratched or scratched, and heavy, it may result in a broken screen and the cost of replacing the screen is not small (about \$ 150 to \$ 250 depending on the model). Also, when traveling far away. Please bring the versatile source switch to avoid the places where you go to your electric thermos do not fit the power outlet. Also, you need to bring a 2-meter network cable and a telephone cable in case you want to connect to the Internet without a network cable.

- Do not let Adapter near objects with large magnetic fields. Because the adapter's circuit may be damaged due to the effect of the electric field generated by nearby objects.
- When you use Adapter, the Adapter is hot and the warmth is completely normal. You don't need to worry about this.
- When you see Adapter heats up abnormally or too hot. Please unplug the power immediately and turn off the device. Take a watch to check its output voltage, if the voltage is enough, you should use it again. If there is not enough voltage, remove it and buy another adapter.
- If your Adapter is broken, you should not fix it but buy another new Adapter. Because the adapter is broken, the component is aging or has errors in use. It is best to remove it and buy a new one (the price of the new Adapter is very cheap compared to the cost of the machine \$ 15 to \$ 25 depending on different types)

II. Use software

In addition to using the hardware to make it more stable, how to use the software also plays a decisive role for your work success. Below I would like to present personal experiences about using computers (software) for your reference:

1. Security to avoid data loss

Please set a password for your computer to prevent others from accessing your computer and using it without your permission. Password settings also help people on your local network not to access your computer to retrieve important data in your computer.

2. Principles for using a computer and how to use an antivirus program

a. Principles when using a computer



- Do not access black websites, these websites may be a source of virus infection affecting your computer as well as data on the computer.
- Do not attach storage devices but you are not sure to clean the virus on your computer. Because these devices are the main source of virus infection. When attaching a USB Flash to a computer, you should not double-click the USB Flash icon to be safe. You should open USB Flash with the Explorer program, but browse the file as a directory tree.
- Do not let others use your personal computer freely. If you are a shared user machine, create many different users and assign those users to use them.
- Use more preventive principles to minimize possible damage.
- Do not access black websites, these websites may be a source of virus infection affecting your computer as well as data on the computer.
- Do not attach storage devices but you are not sure to clean the virus on your computer. Because these devices are the main source of virus infection. When attaching a USB Flash to a computer, you should not double-click the USB Flash icon to be safe. You should open USB Flash with the Explorer program, but browse the file as a directory tree.

- Do not let others use your personal computer freely. If you are a shared user machine, create many different users and assign those users to use them.
- Use more preventive principles to minimize possible damage.

b. Use an antivirus program

- Search for an effective anti-virus program. In the world, there are many companies that develop anti-virus and anti-virus software. Choose a software you think is effective and use another firewall program to protect your computer from inside and outside.
- Virus every day a lot, every day a new innovation. Therefore, regular updating of antivirus software updates is an effective way for the computer to work stably.

III. Maintenance and hygiene

1. Clean the machine

- Is there an article on the Internet that says 'your laptop keyboard is more dirty than the toilet of the toilet' is that true? In my opinion, laptops are always a close friend of all my activities. Taking care of it is like respecting your friend. If that friend is healthy, he can help me anytime, anywhere.
- First to take care of your friend in the best way, buy a laptop cleaning kit. The price of laptop cleaning kit is not high, from 50,000 VND to 200,000 VND depending on the type. In the toilet kit you buy will have the necessary equipment so you can take care of your friend in the best way. These include:
 1. Screen cleaning solution: is a solution used to clean the screen and the machine.
 2. Dusting brush: is a tool to clean dust on the machine, in small slots.
 3. Blowing dust: is a tool that uses the power of steam to clean dirt.
 4. Soft towels: are an effective wiping tool for your device.



- Next, schedule a cleaning for your friend. With the environment in Vietnam (hot, humid, dusty .) the cleaning time is 3 days / 1 time is the best.
- Turn off the computer and then proceed to the cleaning job. Then use a broom and ball to blow dust to clean the machine first. Pay special attention to areas such as keyboards and openings under the keyboard.
- When cleaning you should not spray the cleaning solution directly on the machine. You spray the solution into a soft towel before proceeding to wipe on the screen, wipe on the body.

2. Machine maintenance

- During the warranty period, the maintenance of your computer is limited to cleaning. In fact, machine maintenance work consists of many stages, as follows:
 1. **Hardware** : external cleaning, internal cleaning (especially heat sinks for the CPU, your computer running slowly, hot, or hanging often comes from too much dust clinging to CPU heat sinks this). The internal hardware cleaning should not be done if your device is still within the warranty period.
 2. **Software** : Check for system errors, if necessary, sometimes reinstall the operating system. Then check the antivirus software installation and virus scanning data.

IV. Guarantee

If due to bad luck, your computer is sick. You have to bring your computer for warranty, read the tips below to avoid bad (unwanted) situations happening to you.

1. Work must be done before taking the machine for warranty

- Please backup (backup) all data on the computer to an external hard drive or another computer. Your data will not be guaranteed when you bring it to a service center. If there is a loss of data, it is you who have to take the first consequence, so the sentence 'be careful' is absolutely true in this case.

- Clean the machine thoroughly before bringing it to service centers. Because, technical people don't want to do it on too dirty machines. In addition, leaving the device too dirty can be a reason why warranty centers do not accept warranty for your device.
- Prepare all the necessary documents and accessories for warranty service. Imagine when you go to service centers, the employees there don't accept the warranty for you because you lack the necessary documents. You have to go back to get them, it really takes time, right?
- Before bringing the machine for warranty, please take the warranty card and read carefully all terms (conditions) on the warranty card. Then review your device and make a comparison that evaluates the warranty condition with the error your device is experiencing. If those errors meet warranty conditions, please continue. But if the error is not under warranty conditions, please be prepared before the worst possible situation. Have fun accepting those things!

2. When bringing the device to a service center

- Notify the error status of the machine to the technical staff, if possible, list a paper and paste it on the machine.
- You ask the technical staff to check the machine and inform the error status of the machine, the time to receive the device again.
- Check carefully the information on the warranty card of the warranty center and, more importantly, keep the warranty card carefully or leave it in a safe place to avoid loss.

3. When you receive the warranty

- Call the service center to ask the status of the product you send warranty before going through the machine to avoid the situation through the warranty center you have to wait, worse the staff there will answer you 'product You sent warranty not yet! '
- Check the status of the device carefully when receiving the device.
- Compare the information on the receipt with the current information of the machine:
 1. Product technical information (Product model).
 2. Information about serial numbers.

V. Repair

1. Search for reputable laptop repair places

- When your computer has a problem, the warranty period of the product has expired. First, bring your computer to the service center to request help from those places, maybe they will help you fix those errors to help you or they advise you of reliable addresses to can fix errors that are happening.
- Ask your relatives or friends to know about the IT industry to see where to repair experience and reputation. Next, ask questions to gain more experience in repairing machines.
- Review some repair facilities that your loved ones have recommended or service centers have introduced. In this case you have to evaluate two things:

1. Experience and repair level.
2. Prestige of the place: do they "boil" things? Do they take good care?

2. The best way for you to work with those repair facilities

I would like to present some of my experiences on laptop repair. From there you can learn to avoid unnecessary mistakes and minimize the level of damage / repairs.

- Before you fix it, please mark the device on the device or record the serial number of the device again. You then save all the data (backup) on your computer to a hard drive or to another computer. Avoid the case due to the inadvertent technical staff of the repair company erase your data.

- When you hand over the machine, borrow a felt pen and sign it fully on the device. For example, you sign the screen, go to RAM, enter the HDD, go to main, go to the optical drive .

- After making the handover papers, please check and compare all the information on the voucher is correct with the information on the machine? You should ask the employee to receive the device with a full serial number of each device to avoid unexpected problems between the two parties.

- You should leave the device and all devices on the device such as HDD, RAM, CD ROM, even if the person wants to return it to you for taking it back. Because in addition to checking the main problem, if you leave all the remaining components, the technical staff can do a more comprehensive check to avoid having to go back and forth many times.

- It is recommended to use the phone to deal with the repair party on information such as the status of the machine, the cost of repairs and the time of recovery. In addition, before you go to pick up the phone, you should call the repairer in advance to avoid the situation that you have not done so and the machine has not finished, causing a loss of travel time.

- When receiving the device, check and compare all the information on the coupon, on the device and the points you marked. Carefully check the status of the machine at the store, because according to the reason when you went to the store then the repair places are not responsible for your device. So if there is a case when you are the one who will suffer first, you only look forward to the prestige of the shop now.

- A basic advice: 'When you go to repair or buy anything, be really comfortable. Maybe you scrutinize it, but consider it in a really comfortable mood. ' According to my personal experience: the more uncomfortable people are in buying and selling problems, the more unexpected problems arise from the products and services I have purchased (used).

You finished reading the article "**Use a laptop for the best**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.