

What is Electrostatic discharge (Electrostatic discharge)?

ESD stands for electrostatic discharge, which is one of the few things that causes users to damage or destroy computers or parts of their computers.

ESD stands for electrostatic discharge, which is one of the few things that causes users to damage or destroy computers or parts of their computers. Just like the shock you get when rubbing your feet on a carpet and touching metal objects, ESD can happen when you work with components inside your computer and can damage the kit. this part. ESD only occurs when working inside a computer or handling an expansion card or any other hardware.

How to prevent ESD

The best ESD prevention method is to use an antistatic wrist strap, grounding carpet or grounding desk. However, since most users do not have such items available, today's article will outline steps that can help reduce ESD risk as much as possible.

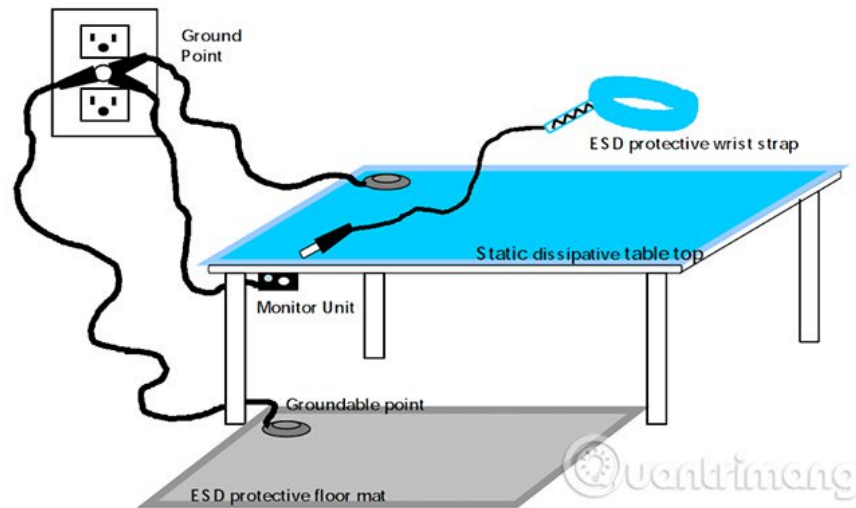
Laptop Computer Repair



Tip : If you plan to work regularly with parts inside your computer, you should buy and use an antistatic wrist strap.

1. **Zero voltage** - Most importantly, make sure that you and your computer have zero voltage, by repeatedly touching an unpainted metal surface of the chassis or the case that supplies power to the computer.
2. **Stand up** - Always stand while working with the internal components of the computer. Sitting on a chair or floor can create more static electricity.
3. **Cord** - Disconnect everything from the back of the computer (eg power cord, monitor cord and USB cable).
4. **Clothing** - Make sure not to wear any kind of conductive clothing, such as a sweater.
5. **Weather** - Storms can increase the risk of ESD. If possible, try not to work on the computer during a storm.
6. **Accessories** - To help reduce the risk of ESD and prevent other problems, you should also remove all jewelry.
7. **Surface** - You should stand on a hard surface, and other static-sensitive computers or devices should be on the table.

ESD tools



When working with components inside your computer, you should have at least one antistatic wrist strap to protect sensitive components from ESD damage. If you run a business, where a lot of sensitive equipment, carpet and even grounding tables are encouraged to use.

Hardware broken



If the computer no longer boots after you manipulate its internal components, try the recommendations below:

1. If you have added any new hardware, remove them and try restarting the computer. If the computer boots normally, the hardware has not been properly connected or is not compatible with the computer. Try again to make sure.
2. If the computer still does not boot properly after removing all new hardware, or you do not add new hardware, make sure all extension cables and cards are properly connected in the computer.
3. Make sure each expansion card is firmly placed and not loose.
4. Unfortunately, if the computer still fails to boot properly, it is possible that any part may have broken and made it inactive. If the computer makes an unusual beep, it can tell you the cause of the problem.

See more:

1. Why natural computer off?
2. How to fix a computer or hang
3. Summary of tips to fix slow computer errors on Windows 10/8 / 8.1 / 7 and Windows XP

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