Lenovo Thinkpad x230 laptop keyboard/fan Replacement

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Step 1 — How to Replace Laptop Keyboard and fan

- 1.Open the battery clasp and remove the battery

- 2.Remove the two screws that hold the keyboard

- 3.Use a crowbar to push the keyboard away from the bottom of the keyboard and unplug the keyboard cable

- 4.Remove the cover of memory and remove it

- 5.Remove the remaining screws, open the clasp of fingerprint module, and lift the wrist bracket from

- 6.Unplug the line of wireless card and remove it and SSD

- 7.Remove the remaining cables and screws, pull out the pull rope, and then remove the storage hard disk

- 8.Lift the screen frame from the center and remove the laptop screen

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Step 2 — Part 2

- 9.Unplug the speaker cable and remove the Bluetooth module

- 10.Remove the motherboard screws, remove the clasp of DC Jack, and remove the screws of VGA

- 11.Lift the motherboard from the left

- 12.Erase the hardened silicone grease and apply a little of new grease.

- 13.Follow 1 to 4 of the screws to fix the heat sink. Remember to install the fan's cable

- 14.Fix the right side of the DC Jack first(the screws of motherboard are the same size, it can be mixed)

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Step 3 — Installation Tips:

- 1.According to the dismantling method, reversely install each part.

- 2.Sort out the cable to prevent the keyboard from popping up after the installation

- 3.Gray and black lines are the two antennas of the wireless card and

- 4.Fix the wrist bracket below first

- 5.Fix the upper part of the keyboard and then pull down the keyboard

- In addition to the screws on the hard disk cover, all black screws can be mixed After all parts are installed, try to start it

Get the best quality keyboard from laptop.gemwon.com and follow the steps to replace it.

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