# MSI Dual USB Port Bracket Teardown

Teardown of a dual USB port bracket for MSI desktop computer motherboards.

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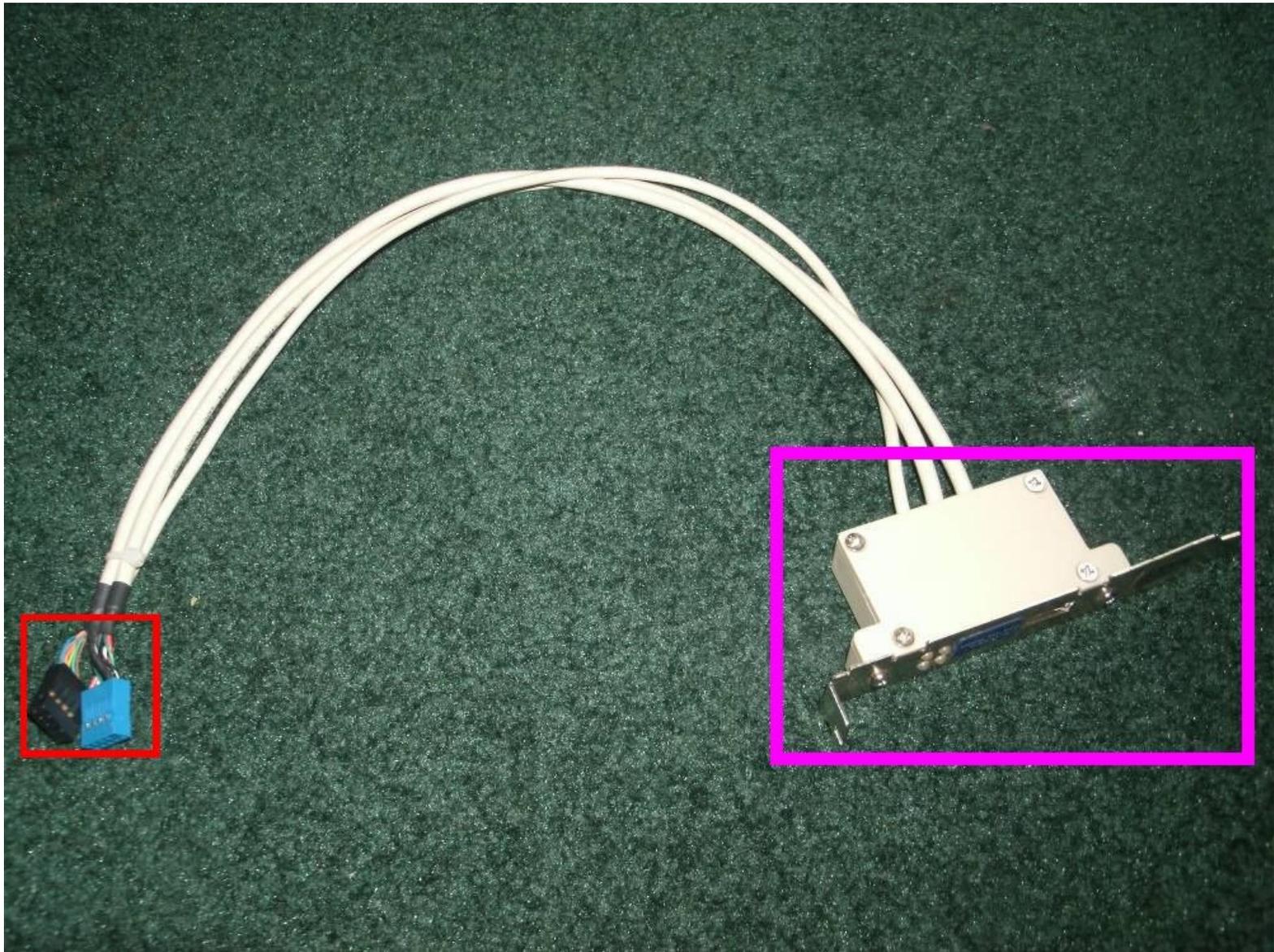
INTRODUCTION

This is a teardown of a dual USB port bracket with LED activity lights for a desktop computer. These brackets, which mount on any open expansion card slot on a computer chassis, add two USB ports to the back of a computer using a connection to a 9-pin USB header on a motherboard. This one came out of a desktop with an MSI motherboard.

TOOLS:

- Phillips #1 Screwdriver (1)

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Step 1 — MSI Dual USB Port Bracket Teardown
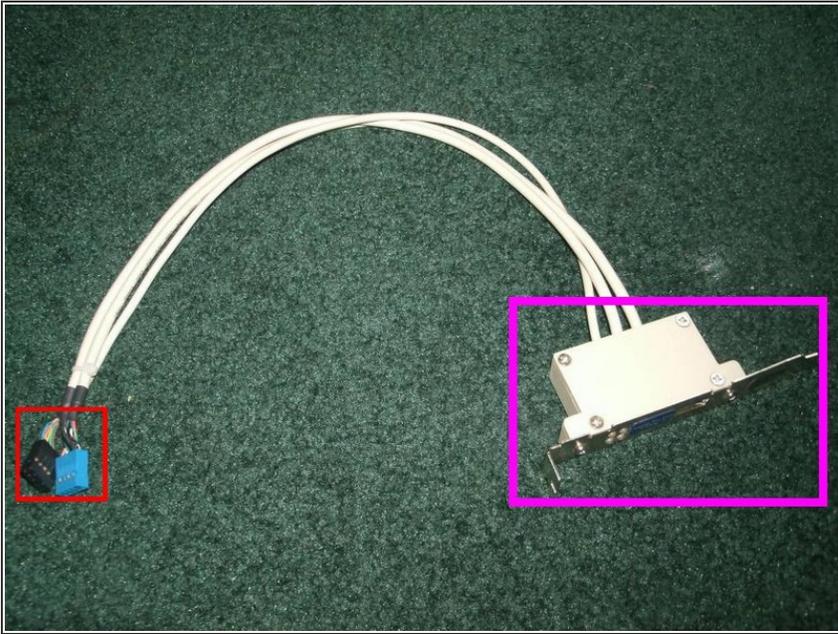
- This part of the bracket consists of the circuit board enclosed in a plastic housing, which we will tear down in the next step.

- These connectors plug into the USB headers on the motherboard.

Step 2
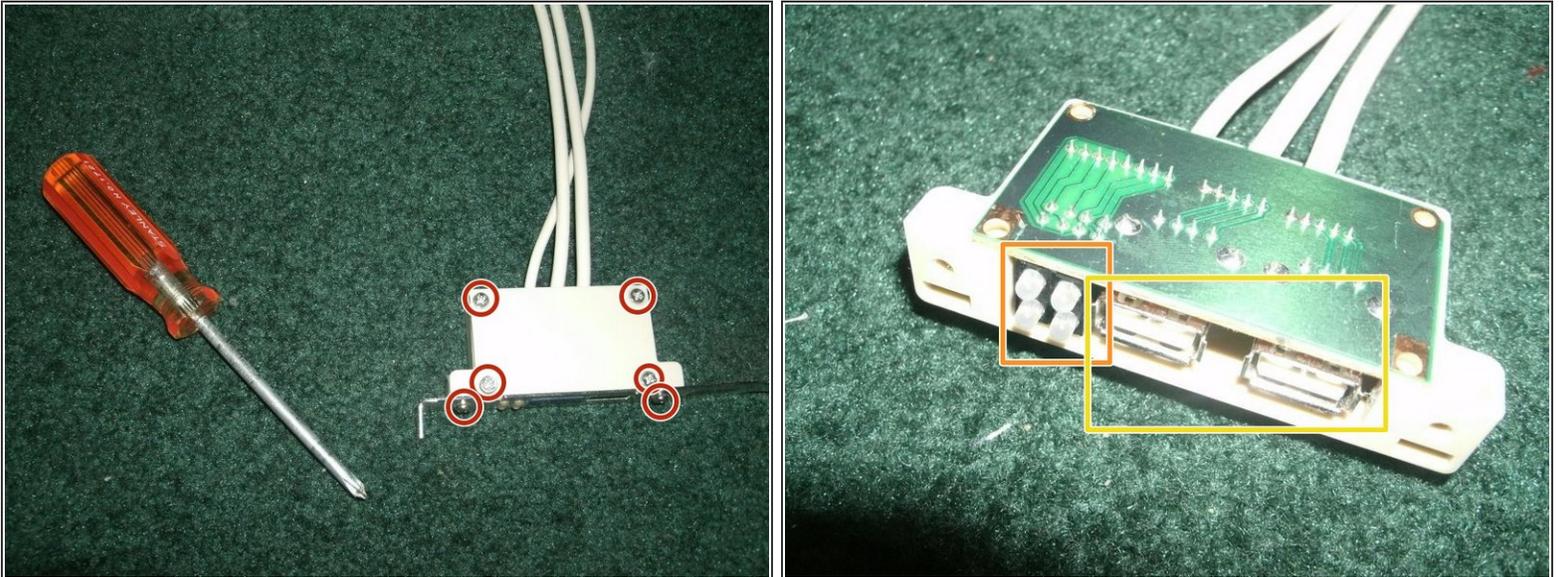
- Use a [Phillips #1 screwdriver](#) to remove the four screws from the white casing and the two screws from the metal bracket.

⚠ On the bottom of the circuit board, the pins that hold its components can cut skin.

- The two USB 2.0 ports.

- The four LED lights, which light up depending on the activity of the USB ports.

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Step 3
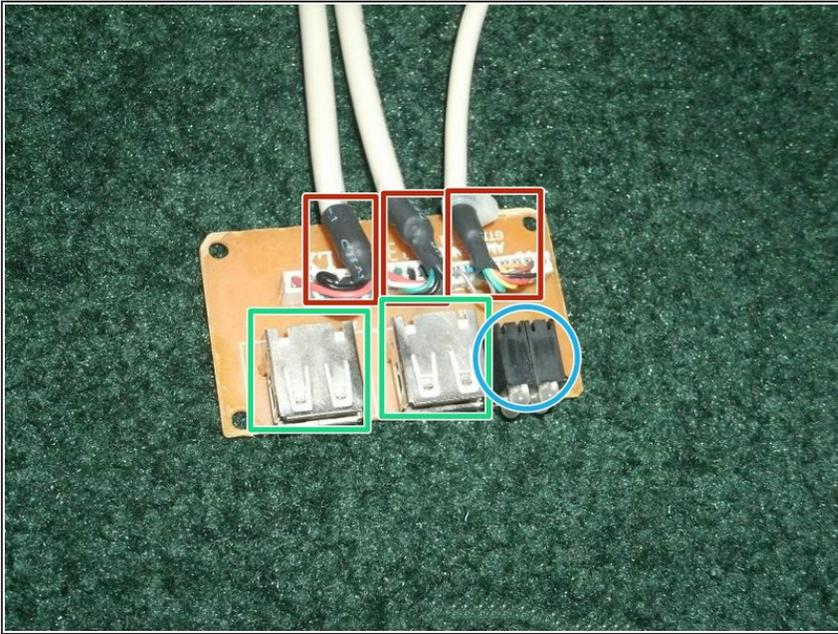
- Raise the three connectors from the case and it's out!
  - The connectors highlighted in red lead to the wires that connect the bracket to the motherboard.
  - The two USB ports.
  - The LED activity lights.