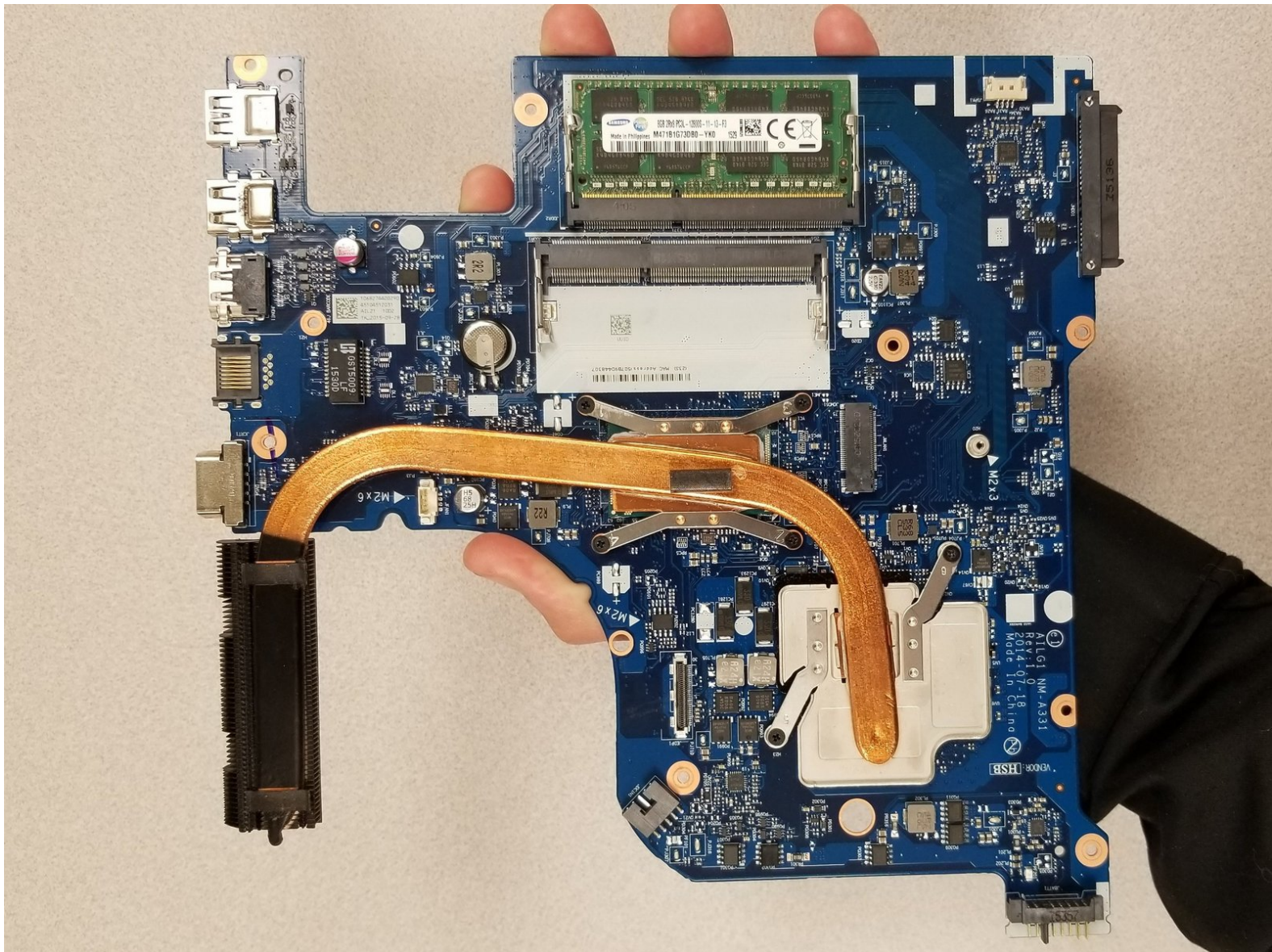# Lenovo Z70-80 Motherboard Replacement

Use this guide to replace the motherboard for your Lenovo Z70-80.

Written By: Eduardo Delgado

INTRODUCTION

This guide will demonstrate the step by step process on how to replace the motherboard in your Lenovo Z70-80.
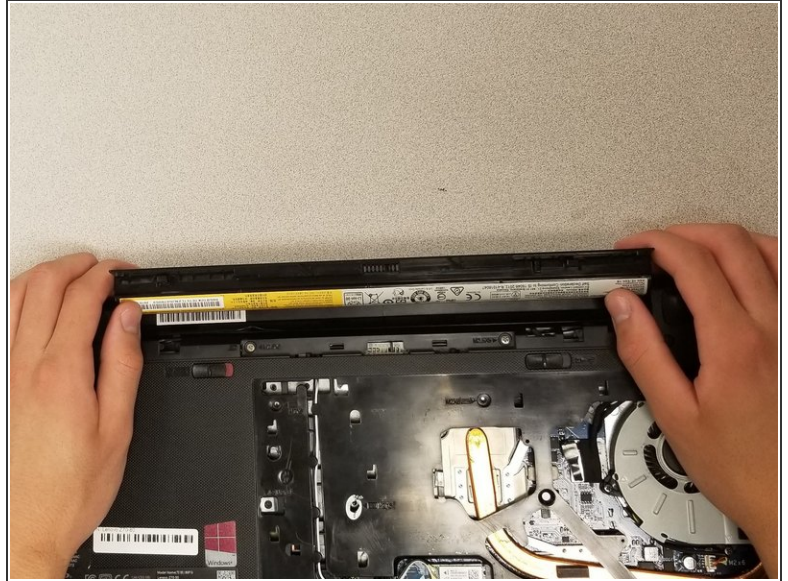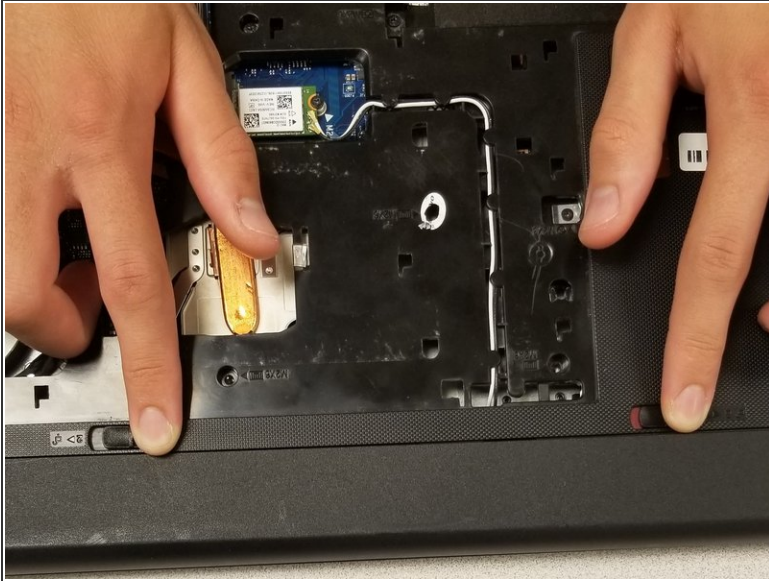
🔧 TOOLS:

- Phillips #0 Screwdriver (1)
- iFixit Opening Tools (1)
- 54 Bit Driver Kit (1)
- Spudger (1)
- Metal Spudger Set (1)
- Anti-Static Wrist Strap (1)
- Ruler (1)

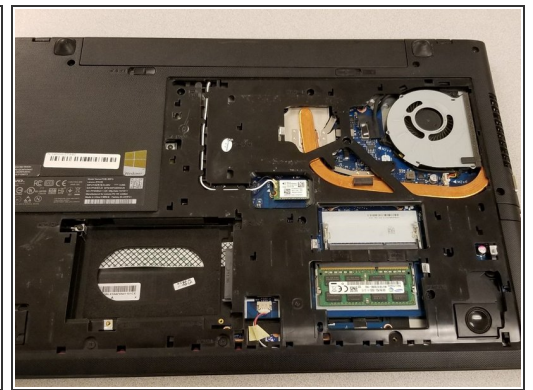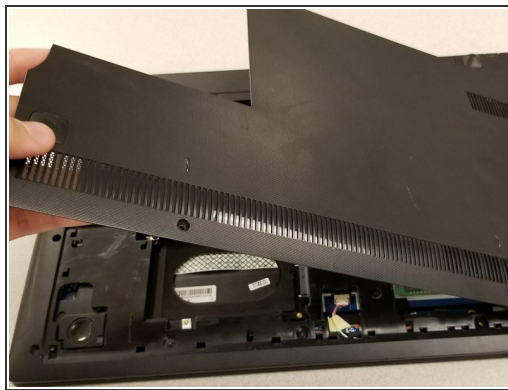This document was generated on 2019-11-22 07:58:19 PM (MST).
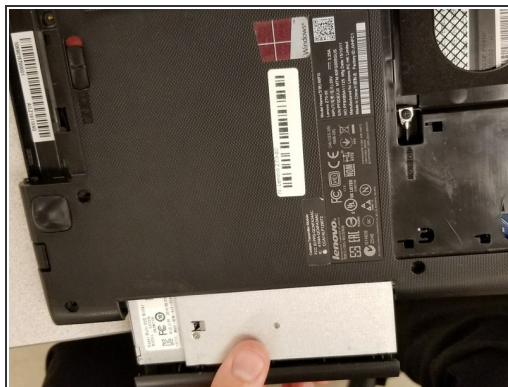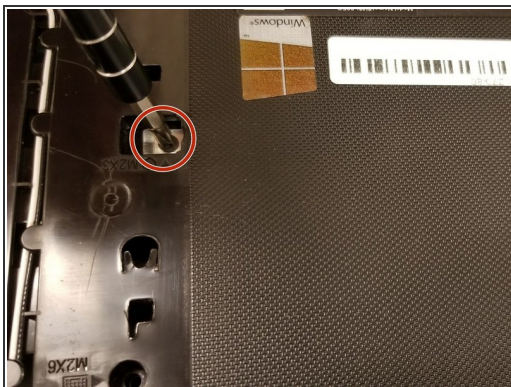
Step 1 — Battery

- Use your fingers two push both latches away from each other to release the battery.

- Pull the battery out.

Step 2 — Back Panel
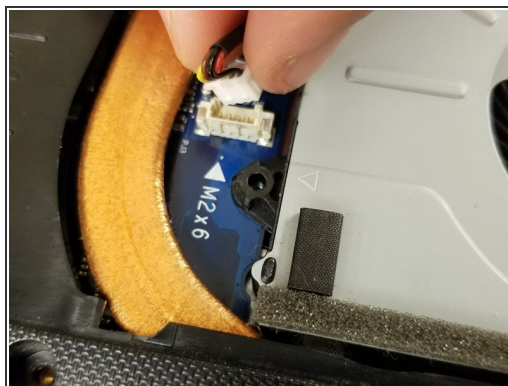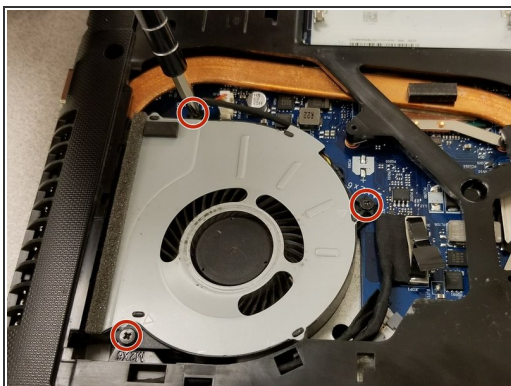

- Remove the two Phillips #0 screws from the bottom panel.

- Slide the panel down slightly, and then lift to pull it off.

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Step 3 — Optical Drive

- Remove the single 3mm Phillips #0 screw from the optical drive.

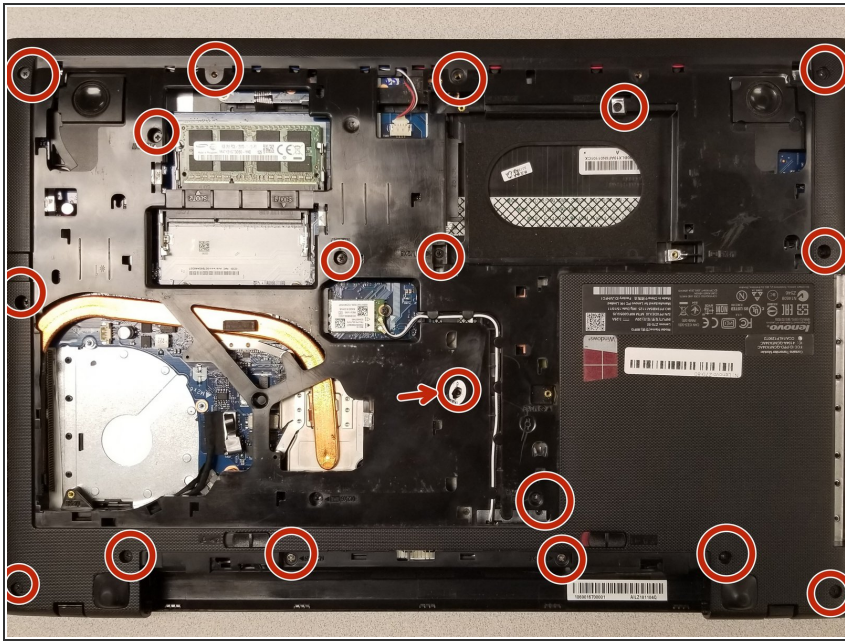- Pull the optical drive out of the side.

Step 4 — Electric Fan

- Remove the three 6mm Phillips #0 screws from the fan.

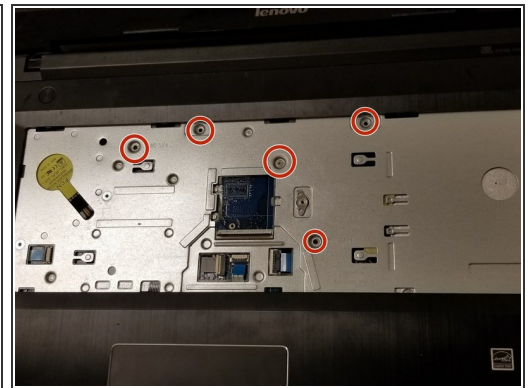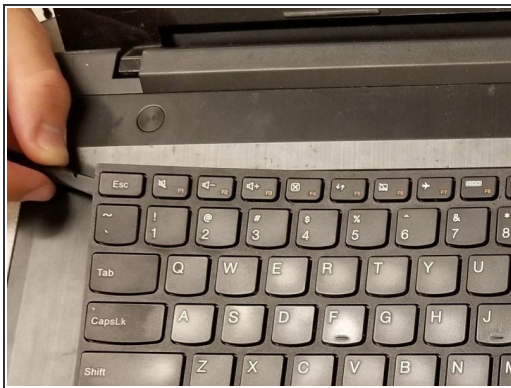- Disconnect the fan from the motherboard by pulling up on the plug.
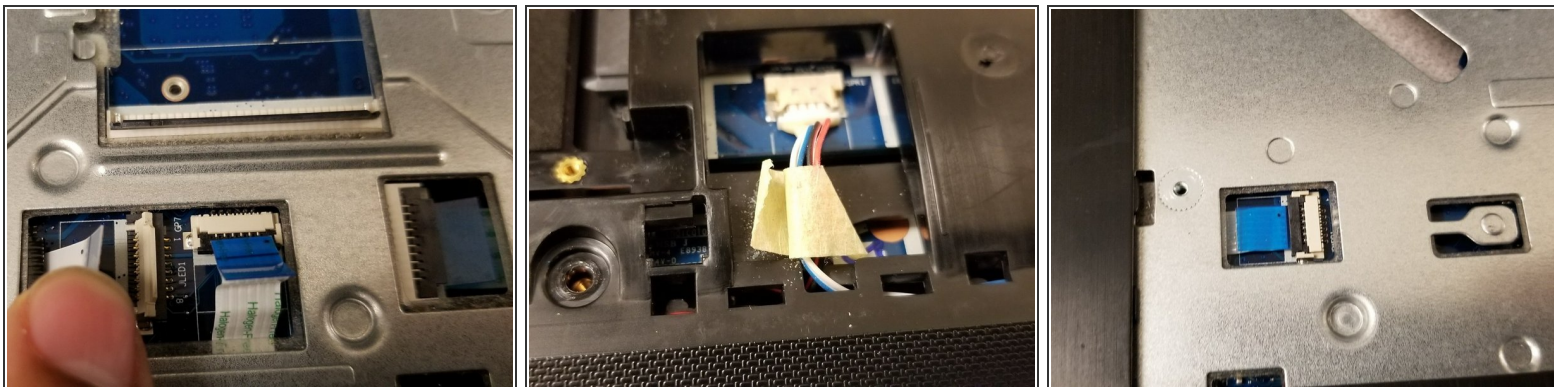
Step 5 — Motherboard

- Remove all the 3-7mm Phillips #0 screws to remove the back cover.

- ⚠ There is a sticker covering the screw marked with a red arrow. This sticker will have to be removed in order to reach the screw.
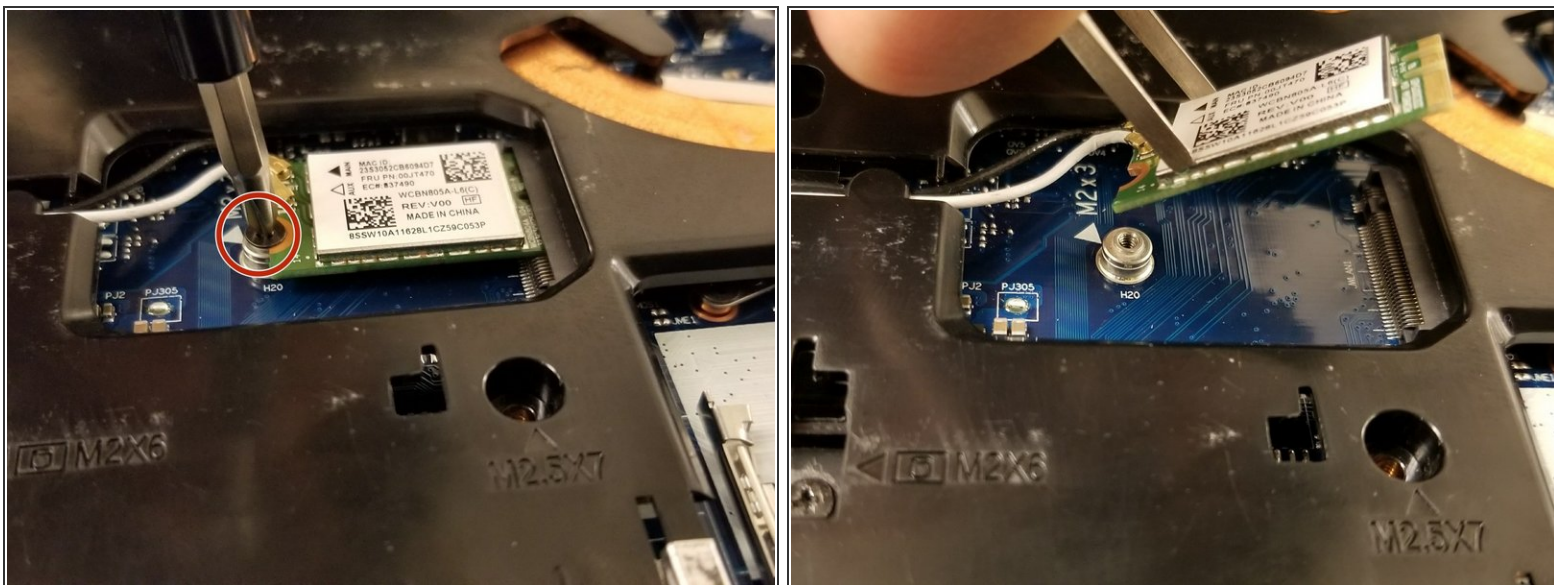
Step 6

- Carefully take out the keyboard and remove all of the 3mm Phillips screws.

- ⓘ There is a tiny black tab you have to flip up on the ZIF connector so it can open and safely be removed.

Step 7

- Remove all ribbon cables and connectors from the front and back of the laptop.

- (i) Remember to open the tiny tabs on ZIF connectors to safely remove them.

Step 8

- Remove the 3mm screw and safely pull out the cables from the hooks holding them in place.
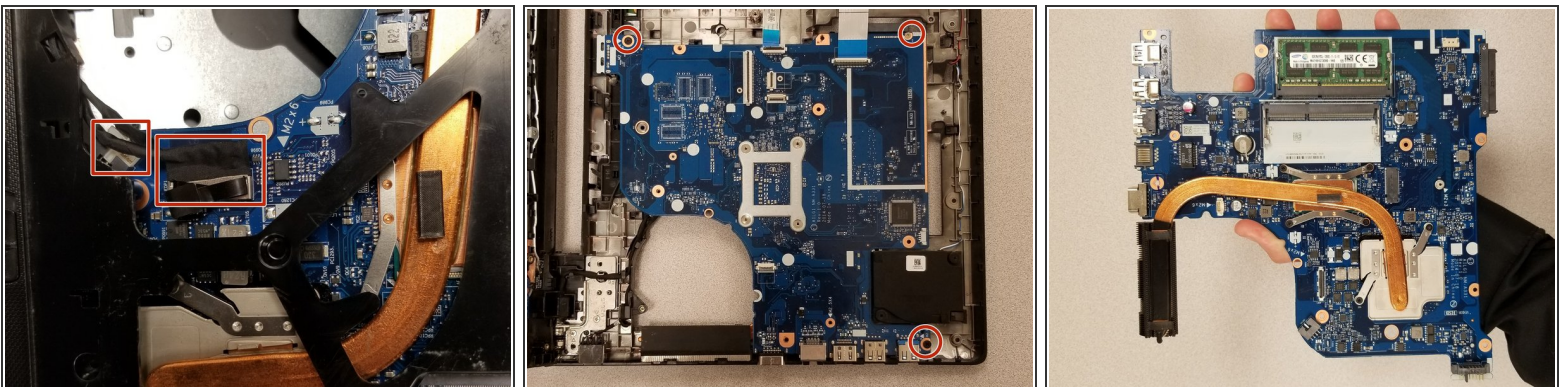
Step 9

- With care pry open the cover off the laptop using the regular or metal spudger.

Step 10

- Unplug the two black cables from the motherboard which are marked by the red squares.

- Remove all the 3mm screws from the motherboard. Then, carefully remove the motherboard from the laptop.

- ⚠ Always pick up the motherboard by the edges.

To reassemble your device, follow these instructions in reverse order.

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