Huawei MediaPad M2 10.0 Repairability Assessment

Huawei MediaPad M2 10.0 repairability assessment performed on January 6, 2017.

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INTRODUCTION

Unlike most tablets, the Huawei MediaPad M2 10.0 has a display assembly that is easy to remove, a big positive when looking at repair. The battery is incredibly difficult to remove, however, giving the tablet a 7 out of 10 on the repairability scale.

TOOLS:

- iFixit Opening Tool (1)
- T5 Torx Screwdriver (1)
- Phillips #00 Screwdriver (1)
- Spudger (1)
- Plastic Cards (1)
- Tweezers (1)
- iOpener (1)
- iFixit Opening Picks set of 6 (1)
Step 1 — Huawei MediaPad M2 10.0 Repairability Assessment

- Front/back reference shots.

Step 2

- Simple plastic clips make opening easy.
- The display cable has enough slack to lay the display aside to work on the interior.
Step 3

- Display assembly carries: display interconnect cable, home button/fingerprint reader and cable, and its bracket.
- Home button/fingerprint reader is easily removed and replaced.

Step 4

- The battery is glued to the rear case by very strong adhesive.
- Heat, adhesive removal fluid, and much prying, the battery is removed.
  - Frustrating that an inevitable repair/replacement would be this hard, but at least it isn't blocking other components' replacement.
Step 5

- The bracket over the speaker and button/headphone jack cable has two different kinds of screws, Torx and Phillips, making removal obnoxious.

- Removable in parallel with the battery are: lower speaker, speaker/antennas, brackets, and microphone bumper.
  - SIM tray can be removed while the device is sealed, obviously.
Step 6

- The final components out of the rear case are fairly modular:
  - SIM reader and vibrator assembly
  - Headphone jack and button cable assembly
  - Front and rear facing cameras
  - Motherboard, unfortunately has a soldered-on charging port. That means a more expensive repair for a common failure point.
Step 7

The Huawei MediaPad M2 earns a 7 out of 10 on our repairability scale (10 is the easiest to repair):

- The display is easily removed from the simple clips holding it to the body, simplifying repairs.
- Most components are modular and not overly complex.
- The battery is extremely difficult to remove, even with heat and prying.
- The charging port is soldered to the motherboard, making replacement of this high-use component expensive.
- Manufacturer does not provide user-accessible repair documentation.