

Ota on 1MB devices

ESP always boot from app image. During OTA rest of flash is used as temporary buffer to perform OTA.

So on 1MB chip the real usable space can be:

1. 1024kB flash
2. minus 128kB SPIFFS
3. 896kB avail flash
4. minus small OTA
5. 896kB-281kB = 615kB

workarounds

EspBuddy

OTA upload on 1M devices using an intermediate firmware (automatic two steps)

[Esp Buddy](#)

Manual 2 steps

Workaround is to perform 2 step update:

1. Flash with smallest possible image
2. Flash final image (up to 600kB)

Use [ESPEasyUploaderMega](#) as described in [2.0+ firmware on 1MB modules](#)

DRAFT:

After flashing AP with SSID name like ESP-C06F65 will be setup. There is no auth.

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