

# Booting wifi-enabled linux on ESP32s3

Script that builds and flashes everything:

<https://gist.github.com/jcmvbkbc/316e6da728021c8ff670a24e674a35e6#file-rebuild-esp32s3-linux-wifi-sh>

What can be done after booting:

## Joining open network

```
# ip link set espsta0 up
# iw dev espsta0 connect <ssid>
# udhcpc -i espsta0
```

## Joining WPA2 network

```
# ip link set espsta0 up
# cat > /tmp/ws.conf <<EOF
network={
    ssid="ssid-name"
    psk="password"
}
EOF
# wpa_supplicant -i espsta0 -c /tmp/ws.conf &
# udhcpc -i espsta0
```

Alternatively conf file may be generated with the wpa\_passphrase program.

From:

<http://wiki.osll.ru/> - **Open Source & Linux Lab**

Permanent link:

<http://wiki.osll.ru/doku.php/etc:users:jcmvbkbc:linux-xtensa:esp32s3wifi?rev=1689132944>

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