

# Turris News 2023

## What's new in Turris?

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# Turris Omnia 4G

- your average Omnia
- no Wi-Fi
- LTE modem included
  - Quectel EP-06 - Cat 6



# 4G Software support

- automatic installation of drivers for supported LTE cards

## Turris OS 6.4.3

- in RC since today
- final hopefully next week
- automatic setup of LTE modems
- automatic setup of Mwan3

## Future?

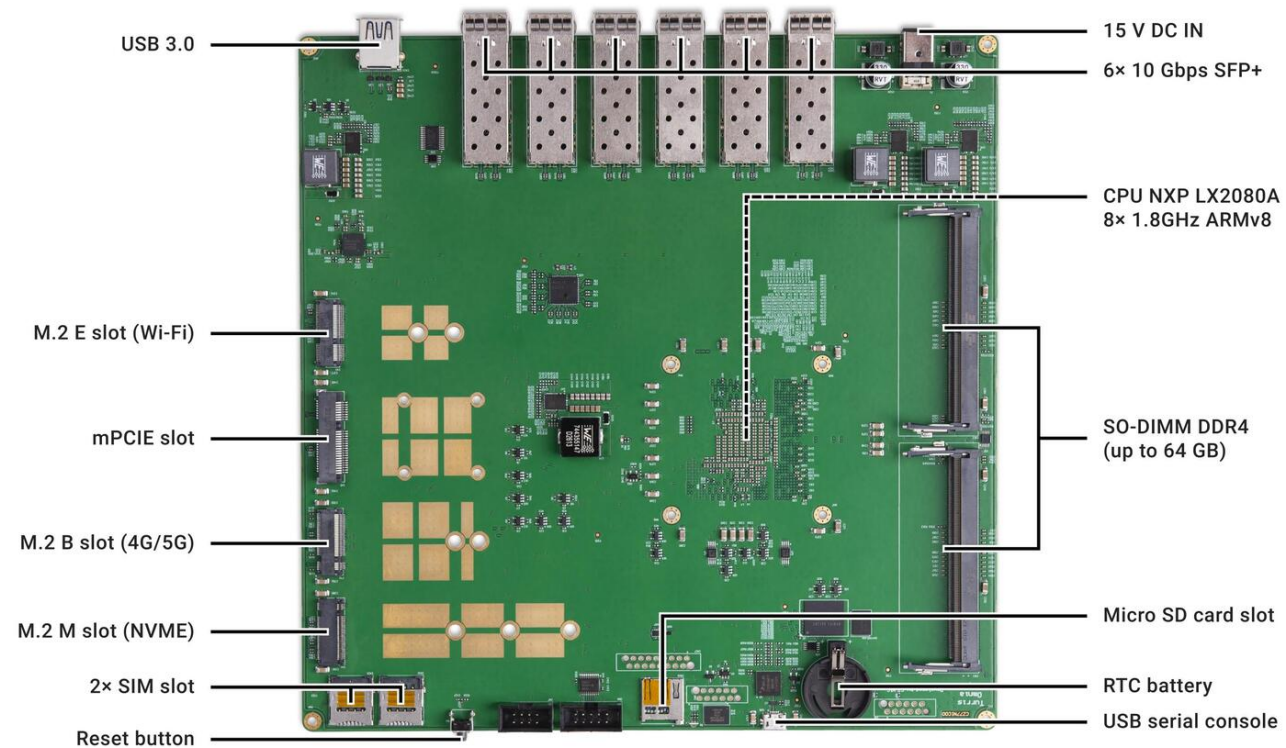
- reForis integration

# Turris Omnia Enterprise

- original plan end of 2022
- we now have a prototype
  - undergoing testing
  - working on software support
- expected on the market in 2024, safe bet is the second half
  - first devices are already pre-ordered by our business partners
  - expected retail price is below 1000 USD
- powerful hardware
  - 8 x 1.8 GHz Cortex A-72
  - 6 x 10 Gbps SFP+
  - up to 64G of RAM

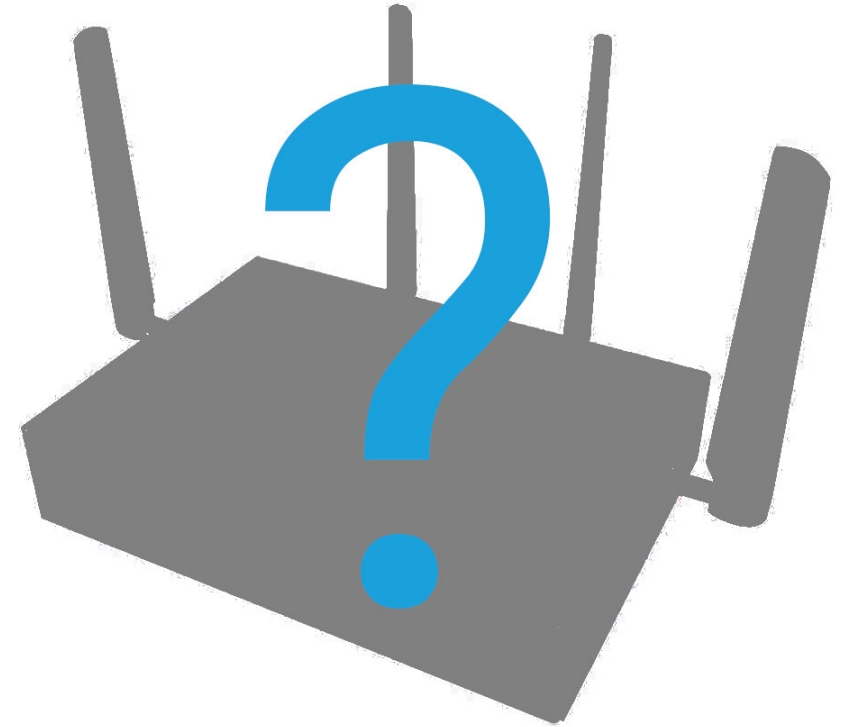


# Turris Omnia Enterprise - details



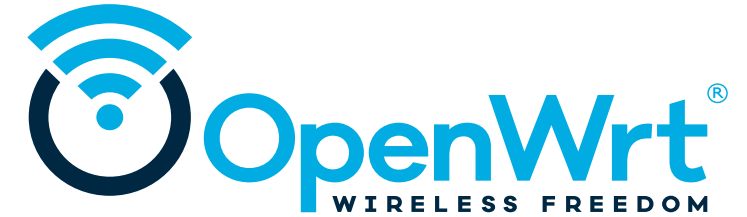
# Turris Omnia NG

- currently searching for SoC
- Goal?
  - replacement for current Omnia
  - similar price & performance
- Must have
  - 64bit CPU
  - at least one 2.5Gbps port
- Wishlist
  - more 2.5Gbps ports
  - maybe even faster?
  - Wi-Fi 7?



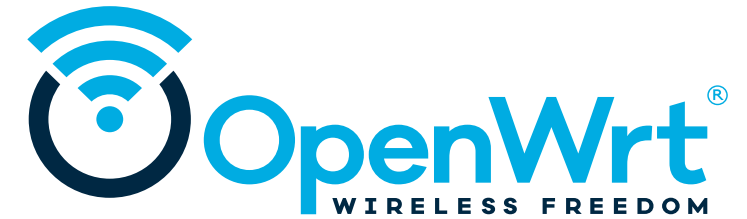
# Turris OS 7

- update to OpenWrt 22.03
- currently in hbl
- undergoing careful testing
- first update will be just OpenWrt update
  - no extra features, keeping it simple
- staging updates
- rest will come later
  - migration to nftables based firewall



# Turris OS 8

- update to OpenWrt 23.05
- not our focus at the moment
- will come after Turris OS 7
- hopefully will come faster than Turris OS 7





# Turris Sentinel

- cleanup under the hood
- publishing Security Report
- got feedback about deployment outside of the routers
  - we need to integrate with Cisco & Juniper
  - those Enterprise routers sucks
  - Bird will help us ;-)
- first minipots running in VM in pilot program



# Thank you

<https://www.turris.cz>

<https://view.sentinel.turris.cz>