The owa5X DK includes:

1 Integrated Packages in FS
- Full range of tools and libraries of a Debian 11 Stretch OS. For example:
  - OTA upgrade support, mtutils
  - Voice call over IP
  - can-utils package
  - ALSA utils (units with codec)
  - BlueZ tools (units with BlueTooth)
  - WiFi tools (units with WiFi)
  - iptables firewall, AppArmor and other Cybersecurity tools

2 Available Packages
Access to standard Debian Repositories for ARM, unleashing the full potential of Open-Source software and the support of the GNU Linux community.

3 Multiple programing languages

4 Hardware and Accesories:
- owa5X Development Kit board
- owa5X system connector with 35 cables
- Antenna LTE&GPS
- AC/DC Power Supply 230Vac-12Vdc
- USB A - USB A cable
- USB - RS232 cable

5 Developers Zone Access:
- Crosscompiler & toolchain
- Latest owa4X FW (Debian 11/Linux 5.4.70)
- Ready to use development environment (Debian Virtual Machine and Docker container)
- Full and up-to-date documentation about the Owasys products
- Application Notes and code samples detailing the usage of the most important owa4x features:
  - IO → owa5X_AN3
  - GPS2 → owa5X_AN5
  - Power modes → owa5X_AN8
  - GSM → owa5X_AN24

6 owa5X microservices & modules
Installable packages with ready-to-use services and modules for Network management, Location, IO interaction...

POWERFUL LINUX IoT GATEWAY TO PROCESS DATA COMING FROM WIRED AND WIRELESS SENSORS/DEVICES/PERIPHERALS

(Gateway not included)