The owa4X DK includes:

1. Integrated Packages in FS
   - Full range of tools and libraries of a Debian 10 Stretch OS.
   - OTA upgrade support, mtdutils
   - 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 programming languages
   - C/C++
   - Java
   - Python
   - Node
   - Go
   - Lua

4. Hardware and Accessories:
   - owa4X Development Kit board
   - owa4X system connector with 35 cables
   - Antenna LTE & GPS
   - 4 ohm Speaker
   - Microphone
   - AC/DC Power Supply 230Vac-12Vdc
   - USB-RS232 Cable

5. Developers Zone Access:
   - Crosscompiler & toolchain
   - Latest owa4X FW (Debian 10/Linux 4.19.94)
   - 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 → owa4X_AN3
     - GPS2 → owa4X_AN5
     - Power modes → owa4X_AN8
     - GSM → owa4X_AN24
     - KLine → owa4X_AN9

6. owa4X 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