

owa4X



Development Kit

The owa4X DK includes:

1 Integrated Packages in FS

Full range of tools and libraries of a Debian 10 Stretch OS.

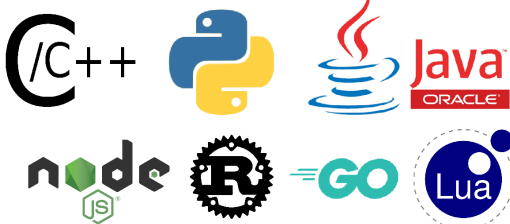
For example:

- 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, WireGuard 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



4 Hardware and Accesories

- owa4X Development Kit board
- owa4X system connector with 35 cables
- Antenna LTE&GPS
- AC/DC Power Supply 230Vac-12Vdc
- 4 ohm Speaker
- Microphone
- USB to 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:
 - o IO → owasys_AN3
 - o GPS2 → owasys_AN5
 - o Power modes → owasys_AN8
 - o GSM → owasys_AN24
 - o KLine → owasys_AN9

6 owa4X microservices & modules

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



(owa4X gateway not included)