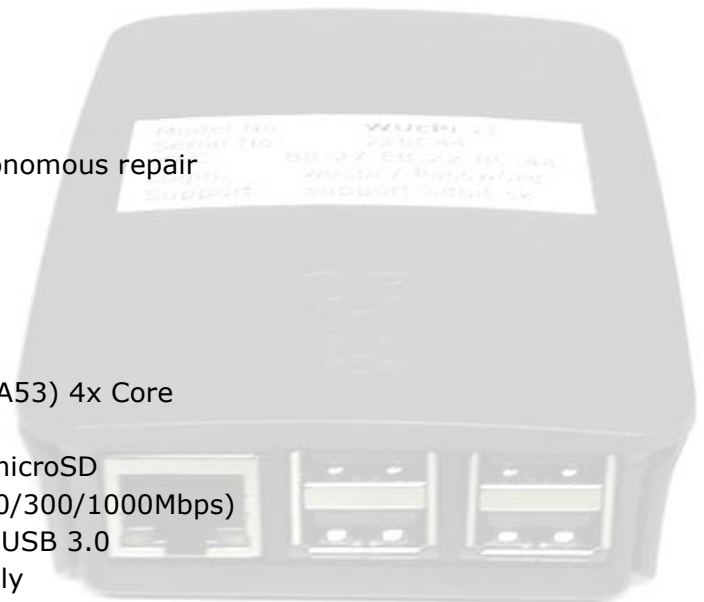# WiFi UniFi Controler
[WUcPi]

UniFi Controller is a very compact device with an equipped UniFi controller with the possibility of remote management of all units of Unifi AP access points. Thanks to this device, you no longer need to install UniFi Controller on desktop PCs or servers with much higher power consumption. There is no exact limit on the number of manageable UniFi APs, or switches are not designed to serve up to 1000 active users in adapted devices.

Features model of WUcPi v1:

- Multi-Site management
- Comprehensive overview of the wireless network
- Detailed analysis and monitoring
- RF monitoring and device mapping
- Detailed RF performance analysis
- Host portal support
- Router and switch management
- Monitoring of internal processes with autonomous repair
- Time synchronization
- Backup configuration files

Hardware of model WUcPi v1:

- Powerful SBC built on ARM platform
  - Procesor: 1.2-1.4GHz (Cortex-A53) 4x Core
  - Memory: 1GB DDR2
  - Storage: 16-64GB Industrial microSD
  - Network: Gigabit Ethernet (100/300/1000Mbps)
  - Ports: 2-4x USB 2.0 / 0-2x USB 3.0
- Certified EPS switching mains power supply
  - AC/DC power supply 110/230V => 5V/3A (15W)

Picture: UniFi Dashboard

http://www.wucpi.doit.sk

ARM - Advanced RISC Machine
EPS - External Power Supply
SBC - Single Board Computer