

## MHR-0002: Technical information

### Software:

- newoskrnl.exe: 512K of size.
  - Kernel on flash memory.
  - Must be run by FrontCPU.
- coreboot.exe: 32K of size.
  - Firmware on flash memory.
  - Must be run by Bridge MCU (BackCPU).
- mbci.exe: 16K of size
  - MBCI firmware
  - Must be run by ConnCPU (MBCI CPU).

### Hardware:

- LTE module.
- 32-bit ARM processor, from Allwinner.
- microSIM/microSD slot.
- 4GB DDRAM .
- Flash memory, no EEPROM is needed.
- FrontCPU, BackCPU, ConnCPU
- BackCPU connects hardware to RAM, FrontCPU contains OS and ConnCPU manages MBCI hardware.