

nBox – The IoT recording & edge computing device

This standalone IoT recording & computing device can be installed to enable audio monitoring of any asset. Discover the abundant edge computing power that will give you the possibility to run complex machine learning algorithms without a need to transfer data to a cloud storage.

Key features

- Up to 12 channels of simultaneous recording with various microphones and sensors
- Intelligent recording software supports multiple audio file types (WAV, OGG, FLAC) and recording modes
- On-device data processing/computing
- LAN / Wifi / LTE connectivity for data transfers
- Supports microSD cards and external hard drives
- LED circle signals device/machine status
- Easy installation next to a machine or into a DIN ledge



Technical specification

Dimensions, Weight, Material:	130x130x40 mm (WxLxH), 1 000g, ALU case
CPU, GPU, RAM, Storage:	Chip RK3399, 6xARM Cortex, 1.2GHz, ARM Mali-T860MP4 GPU, 2 GB RAM, 32 GB eMMC
Connectivity:	Wi-Fi , 3G/4G, Ethernet
Power supply, consumption:	12-18V DC with 2.5A load, min. 660mA DC
Sound recording:	Up to 12-channel recording, digitally controlled gain 0 - 60dB
Operating temperatures:	Min -10°C, max +60°C
Outputs:	1x ETH, 1x RS232, 1 x USB
Microphones/sensors:	Piezo / Airborne / Condenser / Ultrasonic / MEMs accelerometers