



sensinode

# Building the Embedded Web

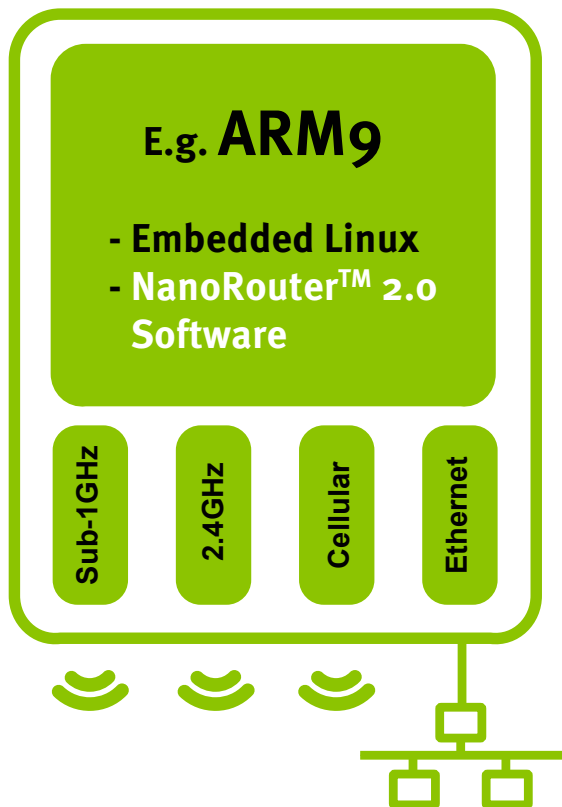
## NanoRouter™ 2.0 Border Router Software

NanoRouter™ 2.0 is a Linux based border router software for connecting IP-based IEEE 802.15.4 (2.4GHz) and 802.15.4g (Sub-1GHz) mesh backhaul network seamlessly.

As NanoRouter™ 2.0 provides scalable and reliable connectivity between Internet and leading edge wireless sensor networks, NanoRouter™ 2.0 is the product for Enterprise wide wireless embedded and sensor network deployments. NanoRouter™ 2.0 offers seamless handling of IPv6 routing between the networks, providing easy network manageability and data collection features based on advanced web-services, such as the Sensinode NanoService™ Platform.

NanoRouter™ 2.0 software for commercial deployments is available as an OEM licensed product on customer hardware.

### Customer hardware platform



### Key Features

- Hardware Platform:
  - ARM9 based CPU or equivalent
  - Custom porting available
- Software: Running on Embedded Linux core
- RF interface:
  - IEEE 802.15.4 (2.4GHz) or
  - 802.15.4g (Sub-1GHz) SoC radio module or
  - User specific Low-Power RF radio or Cellular
- Supported IEEE and IETF standards
  - 6LoWPAN (ND, HC, RPL), UDP, ICMPv6 and TCP
- Support for NanoStack 2.0
- License model: OEM Software

### Related Sensinode Products

- NanoStack™ 2.0
- NanoService™ Platform