

# STM32 family delivers Zigbee



## Enabling seamless control of IoT devices in smart homes



Discover the power of Zigbee with STM32WB, STM32WBA MCUs!

Seamlessly integrate your devices into a robust and efficient network, unlocking endless possibilities for smart homes, industrial automation, and IoT applications.

Thanks to Zigbee's low-power consumption and reliable communication capabilities, combined with STM32WB, STM32WBA wireless MCUs, developers can enhance device connectivity, improve energy efficiency, and simplify their development.

Zigbee-certified STM32 products allow you to easily deploy Zigbee applications in smart homes and buildings.

#1 GP MCU Worldwide\*



### KEY BENEFITS

- Reliable connectivity in challenging environments
- Extended battery life for energy-efficient operation
- Scalable mesh networking for flexible expansion
- Robust security against unauthorized access
- Simplified development for faster time to market

### KEY APPLICATIONS

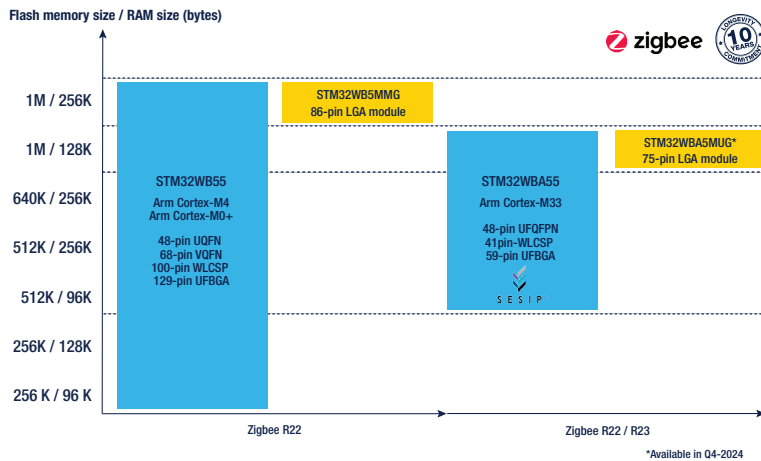
- Home automation
- Industrial control systems
- Building automation
- Medical data collection and monitoring
- HVAC control
- Wireless sensor networks
- Smart energy

\*Source: OMDIA CLT March 2022

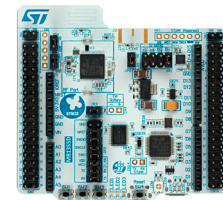
[www.st.com/stm32-zigbee](http://www.st.com/stm32-zigbee)

## STM32WB, STM32WBA MCUs with Zigbee support

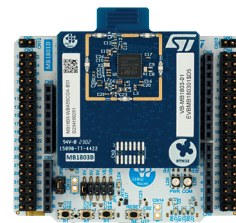
STM32WB and STM32WBA are multiprotocol wireless series giving you flexibility for your Zigbee applications.



## Hardware evaluation

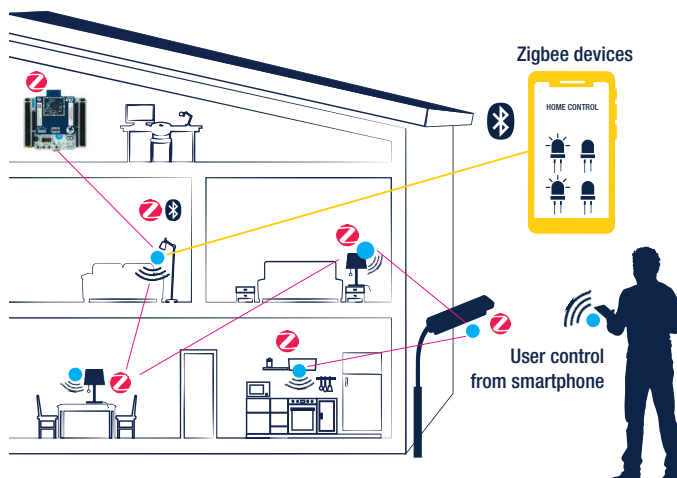


NUCLEO-WB55RG



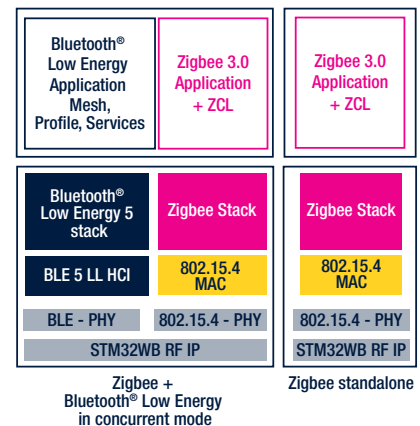
NUCLEO-WBA55CG

## Zigbee Mesh network + Bluetooth® Low Energy concurrent capability



## STM32WB, STM32WBA connectivity stacks and applications

Many integration possibilities available with Zigbee in standalone or in concurrent mode.



## START DEVELOPING NOW!

STM32CubeWB and STM32CubeWBA firmware packages are available.

STM32Cube ecosystem More than **1 million developers** have chosen STM32Cube, making it the reference in the industry.



Discover our wiki site on STM32 connectivity solutions



Discover our Zigbee product webpage



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