



Wi-Fi 6 Chipset

- ❑ MAC&PHY&RF Fully Self-Developed
- ❑ WFA Certified
- ❑ Robust Field Performance
- ❑ Good Wi-Fi Compatibility
- ❑ Hardware/Software Total Solution

**Wi-Fi CERTIFIED™ Certificate**

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: www.wi-fi.org/certification/programs

Certification ID: WFA114123

Product Info	
Date of Certification	October 20, 2022
Company	Senscomm
Product Name	WISEN 2 – Wi-Fi 6 and Bluetooth Combo
Product Model Variant	SCM26205
Model Number	SCM2020-E
Category	Other
Sub-category	Reference Design



“WISEN-2”

High Performance High-Speed SoC:

2x2 MIMO Wi-Fi 6 + BT/BLE SoC

- › 2T2R, 802.11a/b/g/n/ac/ax, 20/40/80MHz BW
- › Wi-Fi 6 OFDMA/MU-MIMO/TWT/1024QAM
BSS Color/Beamforming
- › 2.4GHz/5GHz dual-band; DBDC
- › 1.2 Gbps data rate
- › Support BT/BLE 5.2
- › Integrated dual-band PA and LNA
- › Soft-AP/STA concurrent mode
- › Peripherals: PCIe2, USB3/2, SDIO3.0

Applications:

Smart TVs, STB/OTT, Projector, PC, etc.



“WISEN-1”

Highly integrated Low Cost SoC:

1x1 SISO Wi-Fi 6 + BLE + MCU

- › 1T1R, 802.11b/g/n/ax, 20/40MHz BW
- › Wi-Fi 6 OFDMA/MU-MIMO/TWT/
BSS Color/Beamforming
- › 2.4GHz single band
- › Bluetooth LE 5.2 and Bluetooth mesh
- › Integrated PA, LNA and T/R switch
- › Integrated MCU
- › Support 11ax ER (Extended Range) 106 RU mode
- › SoftAP/STA concurrent mode
- › Rich peripheral interfaces

Applications:

Smart Home, Electrical, Sensor-based, IPC, etc.