



# CEL CONNECTIVITY,

WHEN PERFORMANCE AND SUPPORT MATTERS

EMBED +60 YEARS OF  
WIRELESS EXPERTISE  
INTO YOUR PRODUCT



**Best-in-Class  
Performance**



**Lowest Total Cost  
of Ownership**



**Superior Technical  
Support**



**Longest Product  
Lifespan**



**Highest  
Quality**

## HOSTLESS or HOSTED Wi-Fi + BLE

- Single or Dual-band Wi-Fi 4
- BT5.0, BT Mesh
- Dual-core M0 & M4
- FreeRTOS, Arm Mbed
- AT Commands
- AWS/GCP/Azure
- 7uA Deep Sleep, 30uA Sleep
- On-board Antenna (Certified), Connector
- Source Code: OTA, Wi-Fi Provisioning, Remote Connectivity, Etc.

### Drop-in Compatible

#### CMP4010



2.4GHz

#### CMP4020



2.4/5 GHz

## Dual-Band Wi-Fi 4 +BT

### CMP9010

- 802.11a/b/g/n
- BT Classic/BLE 5.2
- Linux or RTOS
- SDIO/UART



## Dual-Band Wi-Fi 6 +BT

### CMP9611

- 802.11a/b/g/n/ac/ax
- BT Classic/BLE 5.2
- Linux or RTOS
- SDIO/UART



### CMP9612 (Tri-Radio)

- 802.11a/b/g/n/ac/ax
- BT Classic/BLE 5.2
- 802.15.4 (Thread)
- Linux or RTOS
- SDIO/UART/SPI



### CMP9XXX

- ✓ Drop-in Compatible
- ✓ Integrated & Certified
- ✓ Industrial Grade

## 2x2 Dual-Band Wi-Fi 6 +BT5.3

### CMP9620

- Linux
- PCIe
- M.2 E-Key



## Zigbee, BT5.0, NFC, MATTER

### CMP53X

- M4 MCU, 1.64Mb Flash, 152kB RAM
- Rx I=4.3mA, Sleep=350nA
- +10dBm/+20dBm



## BT5.0 + NFC

### CBT250

- M4 MCU, 1.64Mb Flash, 152kB RAM
- Rx I=4.3mA, Sleep=350nA
- +10dBm



| PART #      | Wi-Fi | BLE       | 802.15.4    | Processor/Flash/RAM | OS Support               | Interfaces           |
|-------------|-------|-----------|-------------|---------------------|--------------------------|----------------------|
| CMP9377-Sx  | 5     | 5         |             | Hosted              | Linux, Android           | SDIO: WLAN, UART: BT |
| CMP9377-Ux  | 5     | 5         |             | Hosted              | Linux, Android           | USB: WLAN, USB: BT   |
| CMP9377-P   | 5     | 5         |             | Hosted              | Linux, Android, Win IoT  | PCIe: WLAN, UART: BT |
| CMP9010     | 4     | 5.2, Mesh |             | Hosted              | Linux, Android, FreeRTOS | SDIO: WLAN, UART: BT |
| CMP961X     | 6     | 5.2       | Matter      | Hosted              | Linux, Android, FreeRTOS | SDIO/UART / SPI      |
| CMP9620     | 6     | 5.3       |             | Hosted              | Linux, Android           | PCIe: WLAN, USB: BT  |
| CMP4010     | 4     | 5.1, Mesh |             | M0+M4/16Mb/512kB    | FreeRTOS, AT Commands    | USB/SPI/UART/I2C/I2S |
| CMP4020     | 4     | 5.1, Mesh |             | M0+M4/16Mb/512kB    | FreeRTOS, AT Commands    | USB/SPI/UART/I2C/I2S |
| CMP535      |       | 5         | 3.0, v1.1   | M4/1.64Mb/152kB     | AzureRTOS, FreeRTOS      | GPIO/I2C/SPI/USART   |
| CMP530      |       | 5         | 3.0, v1.1   | M4/1.64Mb/152kB     | AzureRTOS, FreeRTOS      | GPIO/I2C/SPI/USART   |
| CBT250      |       | 5         |             | M4/1.64Mb/152kB     | RTOS                     | GPIO/I2C/SPI/USART   |
| ZICM357SPX  |       |           | ZB Pro      | M3/192kB/12kB       | RTOS                     | GPIO/SPI/UART        |
| ZICM3588SPX |       |           | ZB Pro      | M3/512kB/64kB       | RTOS                     | GPIO/SPI/UART        |
| ZB3212F6R   |       | 5         | 3.0, Thread | M4/1Mb/256kB        | RTOS                     | GPIO/SPI/LEUART      |