

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 4 + BLE

- Single or Dual-band Wi-Fi 4
- BT5.0, BT Mesh
- Dual-core M0 & M4
- FreeRTOS, Arm Mbed
- AT Commands
- AWS/GCP/Azure
- APP – HTTP, MQTT, COAP, TLS, SSL
- Internet – IPv4, IPv6
- Transport – TCP, UDP
- 7uA Deep Sleep, 30uA Sleep
- On-board Antenna, Connector
- Source Code: OTA, Provisioning, Remote Connectivity, Etc.

### CMP4010 & CMP4020

- ✓ Pin-pin compatible
- ✓ Identical size
- ✓ Same SDK/Tools
- ✓ Certified



## HOSTED Wi-Fi 5 + BT5

### CMP9377

- SDIO, USB, PCIe interface
- Linux, WinIoT
- Surface mount or M.2



## Zigbee, BT5.0, NFC, MATTER

### CMP53X

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



## BT5.0 + NFC

### CBT250

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



## HOSTLESS Tri-Radio Wi-Fi 6, BT 802.15.4

### CMP4612

- Wi-Fi 6 (Dual-Band)
- BT5.2 (2Mbps, LR)
- 802.15.4/Thread/Matter
- FreeRTOS
- ARM-Cortex-M33
- 8MB Flash
- USB, Ethernet, SDIO
- SPI/I2C/I2S/UART
- Antenna, Connector



## HOSTLESS Dual-Protocol Wi-Fi 6, BT

### CMP4620

- Wi-Fi 6 (Single-Band)
- BT5.2 (LR, Mesh, AoA/AoD)
- FreeRTOS
- 32-bit ARM Cortex 55 & RISC-V Compatible
- 8/16MB Flash
- SPI/I2C/I2S/UART
- Antenna, Connector



## 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 5.4
- Linux or RTOS
- SDIO/UART



### CMP9612 (Tri-Radio)

- 802.11a/b/g/n/ac/ax
- BT Classic/BLE 5.4
- 802.15.4 (Thread, Matter, zigbee)
- Linux or RTOS
- SDIO/UART/SPI



### CMP9XXX

- ✓ Drop-in Compatible
- ✓ Integrated & Certified
- ✓ Industrial Grade
- ✓ Miniature LGA package (12x12mm)

## MIMO Solutions – Enterprise, AP, and STA

### CMP9620: Wi-Fi 6+ BT5.3, 2X2

- 2.4/5GHz
- M.2 E-Key, PCIe, Linux

### CMP9640: Wi-Fi 6, 2X2/4X4

- 2.4/5GHz
- m-PCIe, PCIe 3.0, Linux

### CMP9670: Wi-Fi 6e + BT5.2, 2X2

- 2.4/5/6GHz
- M.2 or mPCIe, PCIe 3.0, Linux, Windows



### CMP9720: Wi-Fi 7, 2X2 DBS

- 2.4/5GHz
- m-PCIe, PCIe 3.0, Linux

### CMP9740: Wi-Fi 7, 4X4

- 5-7GHz
- m-PCIe, PCIe 3.0, Linux

# CEL CONNECTIVITY,

WHEN PERFORMANCE AND SUPPORT MATTERS



PART #	Wi-Fi	BLE	802.15.4	Processor/Flash/RAM	OS Support	Interfaces
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
CMP4612	6	5.4 (LR, 2Mbps, Ext Adv)	Thread/Matter	Cortex-M33, 8/16MB	FreeRTOS, Network Co-Processor	USB/Ethernet/SDIO/SPI/I2C/I2S/UART
CMP4620	6	BT5.2 (LR, Mesh, AoA/AoD)		Cortex-M55 & RISC-V Compatible, 8/16MB	FreeRTOS	SPI/I2C/I2S/UART
CMP9010	4	5.2		Hosted	Linux, Android, FreeRTOS	SDIO: WLAN, UART: BT
CMP9611-x	6	5.4		Hosted	Linux, Android, FreeRTOS	SDIO/UART
CMP9612-x	6	5.4	Matter	Hosted	Linux, Android, FreeRTOS	SDIO/UART/SPI
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
CMP9620	6	5.3		Hosted	Linux, Android	PCIe: WLAN, USB: BT
CMP9640	6				Linux	PCIe Gen 3, USB 1.1
CMP9670	6e	5.2			Win 10/11, Linux	PCIe Gen 3, USB 1.1
CMP9720	7				Linux	PCIe
CMP9740	7				Linux	PCIe
CMP530		5	3.0, v1.1	M4/1.64MB/152kB	AzureRTOS, FreeRTOS	GPIO/I2C/SPI/USART
CMP535		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

# Mouser Electronics

Authorized Distributor

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