CEL CONNECTIVITY,
WHEN PERFORMANCE AND SUPPORT MATTERS

EMBED +65 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 SB or DB Wi-Fi 4 + BLE

- 2.4GHz or 2.4/5GHz 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

2.4/5GHz

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 DB Wi-Fi 6, BT5.4, 802.15.4

CMP4612



- Wi-Fi 6 (Dual-Band)
- BT5.2 (2Mbps, LR)
- 802.15.4/Thread/Matter
- FreeRTOS, Zephyr
- ARM-Cortex-M33
- 8MB/16MB Flash
- USB, Ethernet, SDIO
- SPI/I2C/I2S/UART
- Antenna, Connector

HOSTLESS Dual-Protocol SB Wi-Fi 6, BT5.2

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

MIMO Solutions – Enterprise, AP, and STA

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

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

CMP9670: WI-FI 6E + BT5.2, 2X2

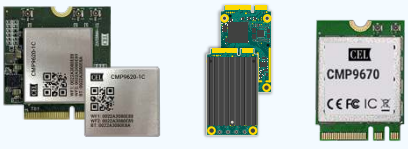
- 2.4/5/6GHz
- M.2 or mPCIe, PCIe 3.0, Linux, Windows

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



HOSTED DB Wi-Fi 4 +BT

CMP9010



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

12x12mm

HOSTED DB Wi-Fi 6 +BT

CMP9611



- 802.11a/b/g/n/ac/ax
- BT Classic/BLE 5.4
- Linux or RTOS
- SDIO/UART

12x12mm

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

12x12mm

CMP9XXX

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

HOSTED USB to Tri-Radio

CMP9610

Sampling Q1



- Dual-Band Wi-Fi 6... USB
- BT5.4...USB
- 802.15.4...SPI
- Linux or RTOS

HOSTED DB Wi-Fi6 + BT5.4

CMP9605

Sampling Q2



- 2.4/5GHz 802.11 a/b/g/n/ax
- 20MHz spatial stream, <50Mbps
- SDIO/Wi-Fi, UART/BT
- BT5.4 w/LR, Adv. Ext., 2Mbps
- LGA w/CEL provided antenna
- Linux, Android, FreeRTOS

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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	Zephyr, FreeRTOS, NCP	USB/Ethernet/SDIO/ SPI/12C/12S/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
CMP9610	6	5.4	Thread/ Matter	Hosted	Linux, Android, FreeRTOS	Wi-Fi USB/ BT USB/SPI
CMP9611-x	6	5.4		Hosted	Linux, Android, FreeRTOS	SDIO/UART
CMP9612-x	6	5.4	Thread/ 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
CMP9605	6	5.4		Hosted	Linux, Android, FreeRTOS	SDIO/UART/SPI
CMP9620	6	5.3		Hosted	Linux, Android	PCIe: WLAN, USB: BT
CMP9640	6			Hosted	Linux	PCIe Gen 3, USB 1.1
CMP9670	6e	5.2		Hosted	Win 10/11, Linux	PCIe Gen3, USB1.1, M.2 2230 A+E Key
CMP9702	7			Hosted	Linux, Win	PCIe, M.2, E-Key
CMP9720	7			Hosted	Linux	Mini PCIe
CMP9740	7			Hosted	Linux	Mini 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

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