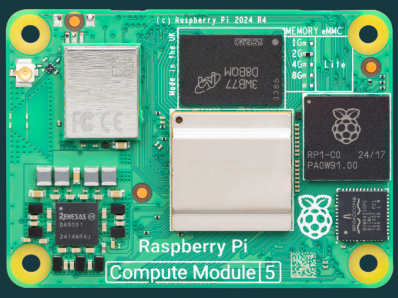
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INDUSTRIAL PRODUCT DATASHEET

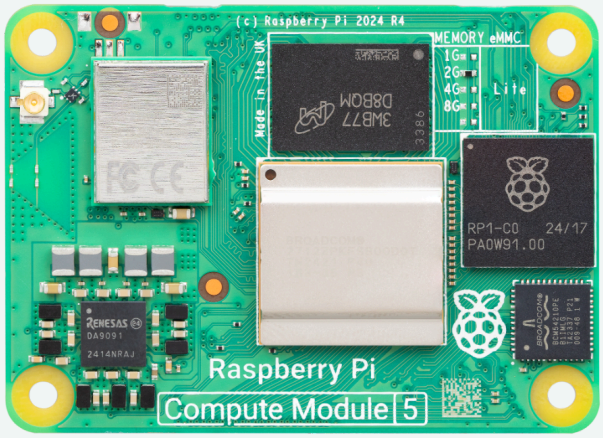
# Raspberry Pi Compute Module 5 - 8GB RAM, 2.4/5.0GHz Wi-Fi & Bluetooth 5.0 (CM5108000)

This version of the Raspberry Pi Compute Module 5 includes a quad-core Arm Cortex-A76 processor, 8GB LPDDR4 RAM, dual 4Kp60 HDMI output, hardware video decode at up to 4Kp60, Gigabit Ethernet, 2.4/5.0GHz Wi-Fi & Bluetooth 5....

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 102111080 | 2026-11-21 06:12:03 | $187.00(Excl. VAT) |



# Overview




This version of the Raspberry Pi Compute Module 5 includes a quad-core Arm Cortex-A76 processor, 8GB LPDDR4 RAM, dual 4Kp60 HDMI output, hardware video decode at up to 4Kp60, Gigabit Ethernet, 2.4/5.0GHz Wi-Fi & Bluetooth 5.0, USB 3.0, dual camera interfaces, and PCIe Gen 2 x1 interface.

# Key Features

01 High-performance quad-core Arm Cortex-A76 processor running at 2.4GHz, delivering exceptional computing power.

02 Dual 4Kp60 HDMI output for stunning visual experiences and multi-display support.

03 Optional certified wireless module providing IEEE 802.11 b/g/n/ac Wi-Fi and Bluetooth 5.0 connectivity.

04 Designed with B to B connectors for enhanced stability

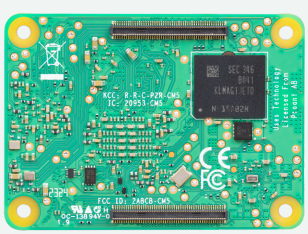
05 Gigabit Ethernet PHY supporting IEEE 1588 for precise time synchronization.

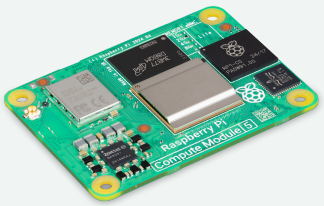
06 Flexible memory options, including 2GB, 4GB, 8GB, or 16GB LPDDR4 SDRAM with ECC, and eMMC flash storage up to 64GB.

07 Extensive I/O interfaces, including PCIe 2.0, USB 3.0, MIPI DSI/CSI-2, and up to 30 GPIOs supporting various protocols (UART, I2C, SPI, etc.).

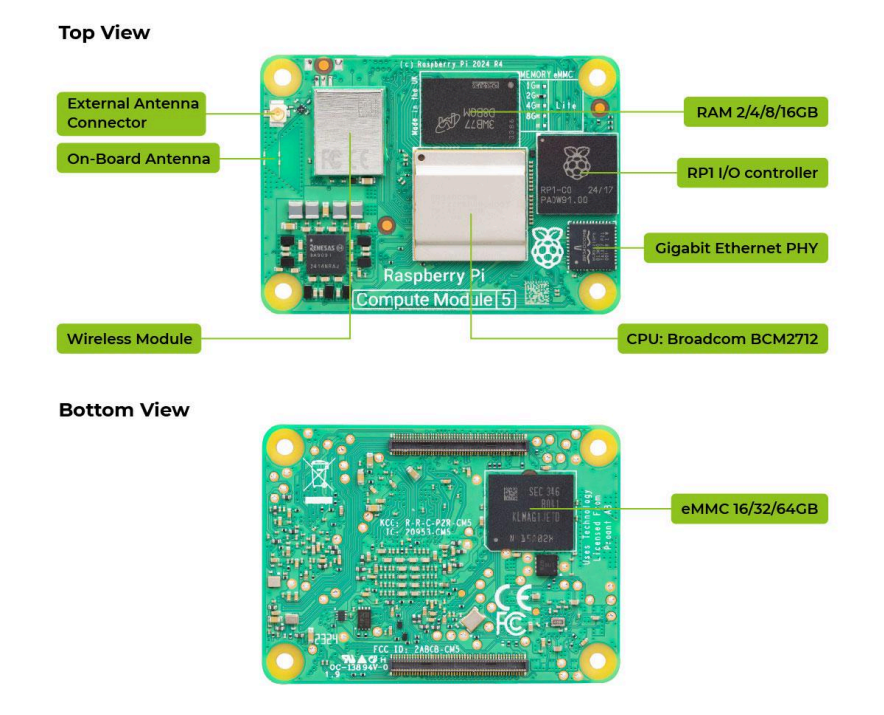
08 4Kp60 HEVC decoder and OpenGL ES 3.1 graphics with Vulkan 1.2 support for advanced multimedia capabilities.

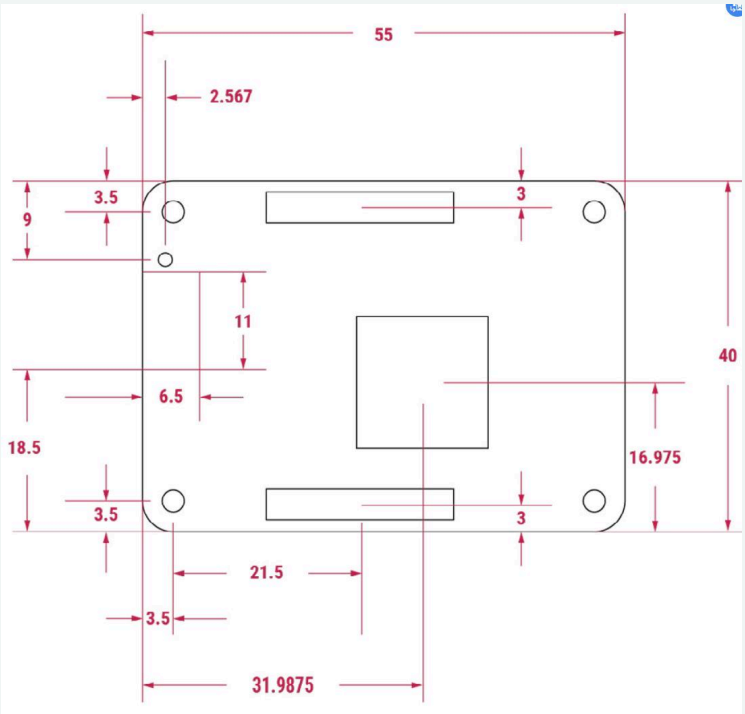
# Product Gallery





# Hardware Overview



# Resource Links

- https://www.seeedstudio.com/Raspberry-Pi-Compute-Module-CM5108000-p-6293.html
- Raspberry Pi Compute Module 5 product brief
- Raspberry Pi Compute Module 5 datasheet
- Raspberry Pi Compute Module 5 design files

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