# Gumstix Raspberry Pi CM4 Series

Six Powerful CM4 Embedded Designs and Free Manufacturing

FREMONT, CA. October 19, 2020— Gumstix®, Inc., a leader in computing hardware for intelligent embedded applications announced the release of Gumstix Raspberry Pi CM4 Development Series to support the newly released Raspberry Pi Compute Module 4 (CM4). As a CM4 development partner, Gumstix has created a series of CM4 carrier boards to support a wide selection of embedded applications requiring high compute power including:

- NAS server with fast mass storage via NVMe and Gigabit UL/DL speeds
- Media Centers - HDMI, mass storage, WiFi & Gigabit
- Edge AI - multi-camera, gigabit & Wifi AP, sensors via Pi header
- Smart home management - Touch display controls, facial recognition & occupancy, data logging and behavior prediction modeling, CM4 Wifi access point, sensors via Pi header
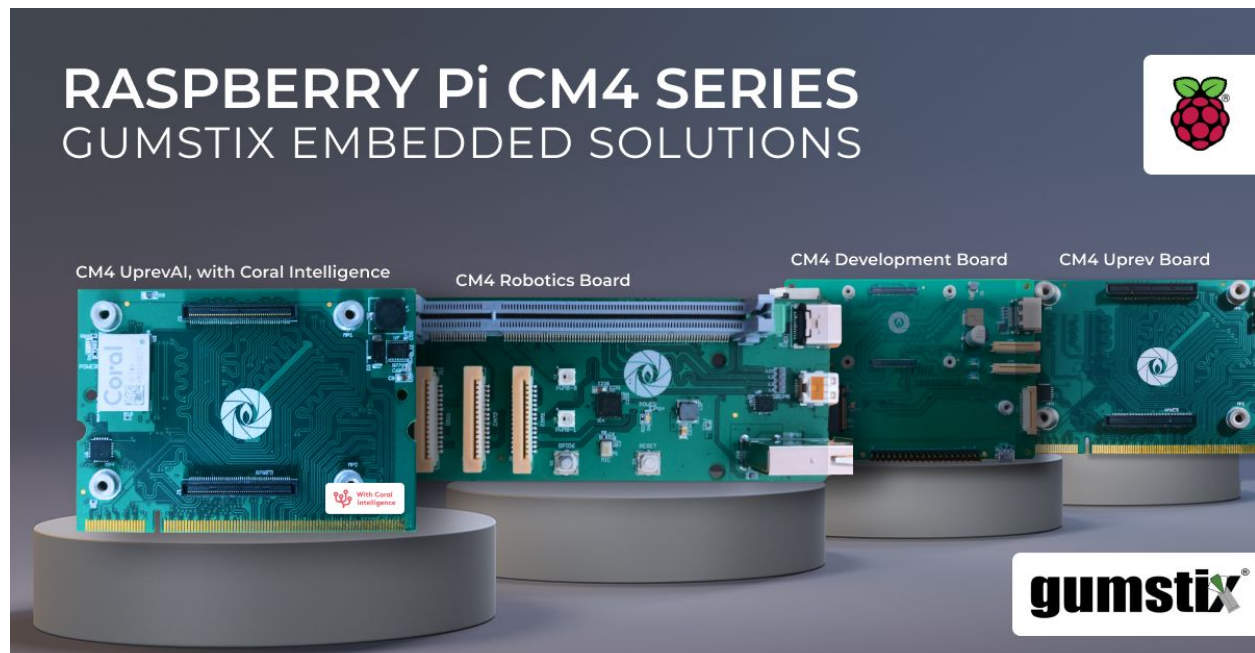


"Today is a Raspberry-Red letter day, a day when Pi developers can envision - and order - custom hardware for the software and dedicated applications they have built." Dr. W. Gordon Kruberg, Head of Modular Hardware, at Altium, shares. "Altium values the educational mission

of the Raspberry Pi Foundation and is pleased to support the fulfillment of dreams of the millions of users and students as they imagine turning their own code into commercial products.

## The [Gumstix Raspberry Pi CM4 Series](#) includes:

### [Gumstix Raspberry Pi CM4 Development Board](#)
*Develop production-grade embedded hardware. $130.00*
Built for applications like robotics, AI at the edge, and advanced industrial automation supporting PCIe to Gigabit Ethernet to dual CSI2 cameras.

### [Gumstix Raspberry Pi CM4 Uprev](#)
*CM4 to CM3 adapter board. $30.00*
Allows the Raspberry Pi CM4 COM to be used on most existing CM3 boards and backward compatible for CM4 designs. The CM4's GPIOs, communications signals, and power pins are re-routed onto a SODIMM edge connection to match the pin-out of the CM3.

### [Gumstix Raspberry Pi CM4 UprevAI](#)
*CM4 to CM3 Adapter board +Google Edge TPU. $75.00*
Replaces the CM3 compute module on compatible carrier boards, adding a CM4 connector with Coral Intelligence as well as accelerated TensorFlow processing to your existing custom design.

### [Gumstix Raspberry Pi CM Robo](#)
*Small robotic breakout board. $75.00*
A slim, computer vision-capable multimedia platform designed for small autonomous vehicles. The dual Raspberry Pi Camera connectors can provide either stereoscopic depth mapping for object avoidance or front- and back-facing cameras for feature identification or manual control.

### [Gumstix Raspberry Pi CM4 PoE Smart Camera](#)
*PoE +Google Edge TPU with low latency and single-cable deployment. $95.00*
Combines Power over Ethernet and Google Edge TPU with the Raspberry Pi CM4 and Raspberry Pi Camera to deliver a fast and powerful image classification, object identification or behavioral inference computer with low latency and single-cable deployment.

### [Gumstix Raspberry Pi CM4+Pixhawk FMUv6](#)
*CM4+FMUv6 +Google Edge TPU+Tensorflow $180*
One of the first CM4 boards conforming to Pixhawk's v6 standards for Flight Management Units (FMUs), including, Google Edge TPU, on-board sensor bank, standard Pixhawk data and power connectors, octal PWM outputs, and firmware support. Features single-connection

programming and debugging.  Power the PCB, flash the CM4's MMC, program the FMU's frimware, or monitor their serial consoles from the same USB Type-C connection.

## Special Offer: No manufacturing fee for CM4 custom designs, a $1999 value.

All Gumstix Raspberry Pi CM4 embedded boards were designed and built in the drag and drop Geppetto design tool and their design templates can be modified from any browser in minutes. As with all Geppetto designs, users can preview a 3D view and instantly download free CAD files (.brd) and schematic (.sh) of saved designs. To support the CM4 launch, Gumstix is waiving the $1999.00 manufacturing fee at checkout for qualifying designs. Customer pay only the cost of board and quantity ordered, plus tax and shipping.

### About Gumstix, Inc.
Gumstix manufactures custom computing hardware for the intelligence in embedded devices and systems. Designed to meet the demands of the next generation IoT and Edge computing machine-learning applications, Gumstix modular hardware connects multiple networking capabilities, sensors, and components that are required for machine learning and deep-learning devices. For engineers developing devices from the iphone to Mars satellites, Gumstix devices have been used by thousands of hardware engineers, software designers, and educators since 2004 in over 45 countries. Gumstix is a wholly owned subsidiary of Altium.

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