

Raspberry Pi 5 Single Board Computer, Now Orderable from Mouser, Delivers Significant Speed Improvements Over Previous Generations

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DALLAS & FORT WORTH, Texas--(BUSINESS WIRE)-- **Mouser Electronics**, Inc., the authorized global distributor with the newest electronic components and industrial automation products, is now offering the highly anticipated **Pi 5** single board computer from **Raspberry Pi**. Building on the success of the Raspberry Pi 4, the Pi 5 single board computer (SBC) delivers a 2x – 3x increase in CPU performance, a significant uplift in GPU performance, and noticeable improvements to display, camera, and USB interfacing. The Pi 5 SBC offers an affordable, easy-to-use solution for applications including **home automation**, **industrial automation**, edge computing, **robotics**, and surveillance.

Now available to order from Mouser.com, the Raspberry Pi 5 is a game-changer with a few new tricks up its sleeve. (Graphic: Business Wire)

The Raspberry **Pi 5** Single Board Computer, now available for order at Mouser, is the first full-

size Raspberry Pi computer to be built with silicon developed in-house. The RP1 I/O controller chip supports improved interfacing, as well as faster transfer speeds to external USB-attached SCSI (UAS) drives and other high-speed peripherals. The new high-performance SBC is based on the Broadcom BCM2712, quad-core Arm® Cortex®-A76, 64-bit system-on-chip (SoC) at 2.4 GHz. The Pi 5 SBC includes a MicroSD card slot with support for high-speed SDR104 mode, as well as a high-speed single-lane PCI Express 2.0 interface, offering support for high-bandwidth peripherals. The SBC features two USB 3.0 ports supporting simultaneous 5 Gbps operation, in addition to two USB 2.0 ports. The Pi 5 also includes a VideoCore VII GPU supporting OpenGL ES3.1, with a Dual 4Kp60 HDMI display output with HDR support. Two four-lane 1.5 Gbps MIPI transceivers enable users to connect up to two cameras or displays.

The Pi 5 is offered in 4 GB and 8 GB variants and features Bluetooth® 5.0 with Bluetooth Low Energy, dual-band Wi-Fi®, and Gigabit Ethernet, providing users with the flexibility to choose between wired and wireless connectivity. The Pi 5 also extends support for Power over Ethernet (PoE), enabling it to be powered via Ethernet alongside a USB Type-C™ port for alternative power sources.

To learn more about the Raspberry Pi 5 Single Board Computer, visit <https://www.mouser.com/new/raspberry-pi/raspberry-pi-5-sbc/>.

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Mouser / Raspberry Pi 5 Single Board Computer

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About Raspberry Pi

Raspberry Pi Ltd makes computing accessible to people and businesses all over the world. Low-cost, high-quality, compact and efficient, Raspberry Pi products are used everywhere from home computing to factory control, from retro gaming to embedded applications, and from education to enterprise. Since selling their first product in 2012 they've become the UK's bestselling computer company.

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