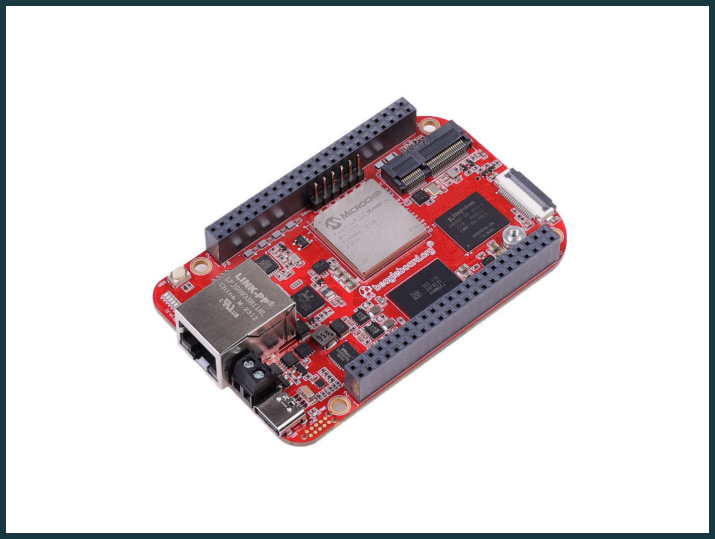
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INDUSTRIAL PRODUCT DATASHEET

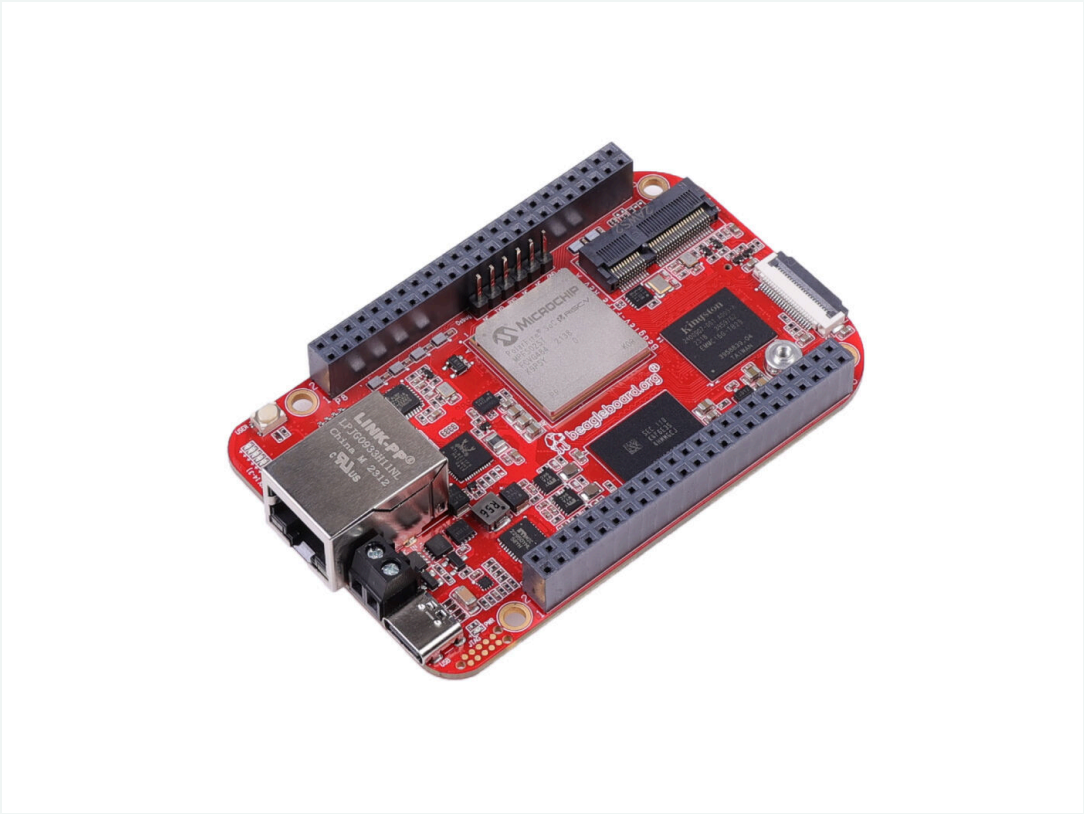
BeagleV® - Fire - RISC-V, FPGA fabric, 2GB 16GB, 1x Gigabit Ethernet, 1x M.2 Key E, 1x CSI, 1x microSD card slot, 2* 46 pins BeagleBone Header, 12x user LEDs

BeagleV® - Fire is an open-source RISC-V Single Board Computer coming with low-power FPGA fabric, designed for highly flexible custom scenarios.

SKU	UPDATED	PRICE
102110898	2026-11-11 08:57:44	$149.00(Excl. VAT)



Overview



BeagleV® - Fire is an open-source RISC-V Single Board Computer coming with low-power FPGA fabric, designed for highly flexible custom scenarios. It offers 2GB memory and 16GB eMMC, along with versatile connectivity and rich extensions, perfect for various personal and professional applications.

Key Features

01

Open-source RISC-V and FPGA Single Board Computer

Powered by Microchip's PolarFire® MPFS025T FCVG484E 5x core RISC-V SoC with FPGA fabric, operating at up to 667 MHz

02

Power-efficient and highly flexible

Contain low-power FPGA fabric that is highly flexible and can accommodate custom instructions and peripherals

03

Onboard Storage

Include 2GB LPDDR4 and Kingston 16GB eMMC on the board

04

Versatile Connectivity

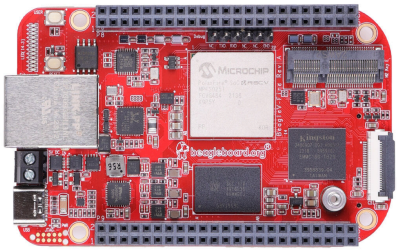
Offer a Gigabit Ethernet interface, an integrated Host / Device / Power Supply functions in one USB 2.0 Type-C port, and one SYZYGY High speed connector

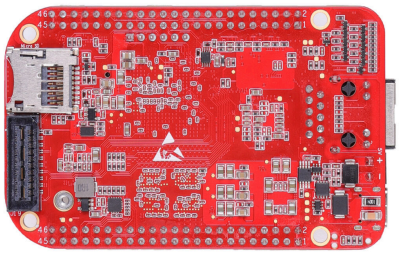
05

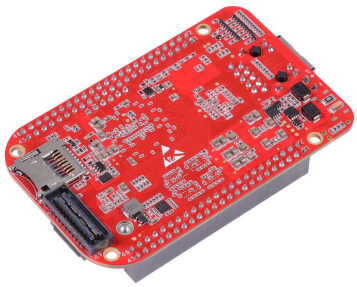
Rich Extensions

Provide 1x M.2 Key E supported wireless module, 1x CSI supported 4-lane camera, 1x microSD card slot, 2* 46 pins BeagleBone Header, 12x user LEDs, 1x Reset button, and 1x User button

Product Gallery

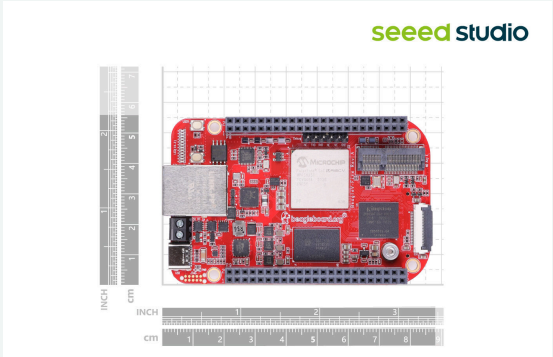












Applications

- **Edging Computing**
- **Embedded Systems**
- **RISC-V Dev Kit**
- **FPGA Dev Kit**
- **Education**

Resource Links

- https://www.seeedstudio.com/BeagleV-Fire-p-5822.html

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