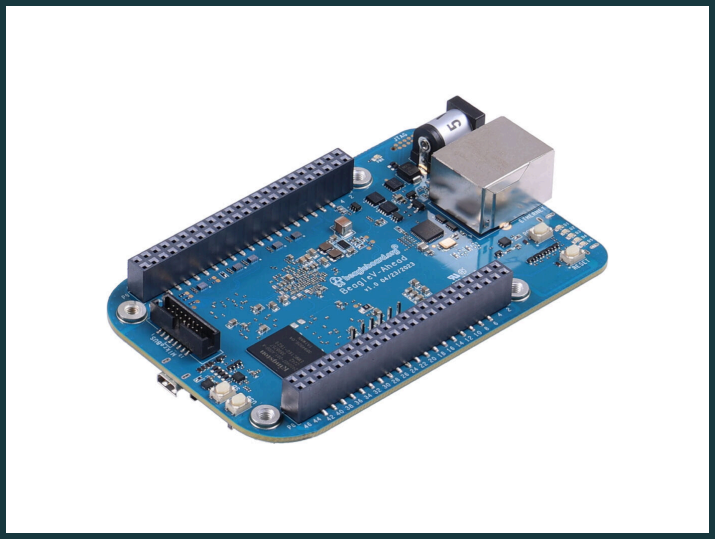
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INDUSTRIAL PRODUCT DATASHEET

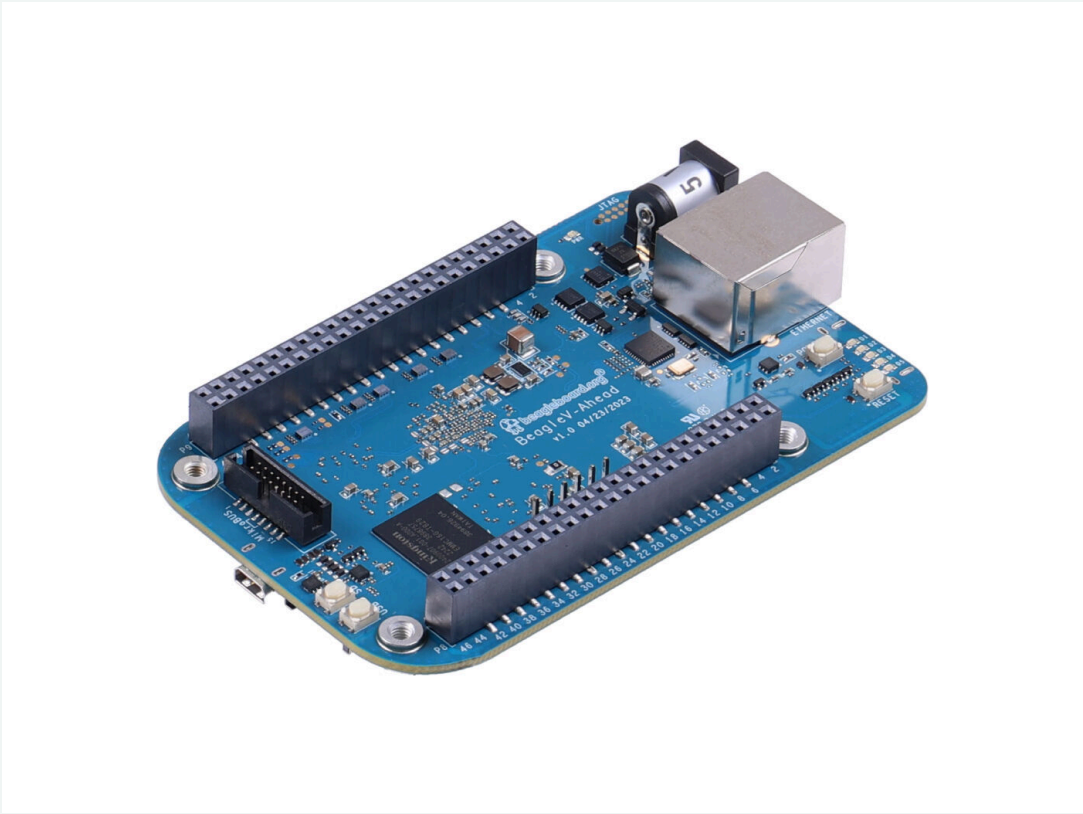
BeagleV® - Ahead - RISC-V Processor IP, 4 TOPS AI Acceleration, 2.4G Wi-Fi & Bluetooth 5.2, 1 Gagabit Ethernet, mikroBUS™, 2x CSI, 1x HDMI, 1x DSI

BeagleV® is an advanced single-board computer with a powerful RISC-V processor IP, AI acceleration, hybrid network connection, and a wide range of interfaces.

SKU	UPDATED	PRICE
102991698	2026-11-11 08:57:21	$150.00(Excl. VAT)



Overview



BeagleV® is an advanced single-board computer with a powerful RISC-V processor IP, AI acceleration, hybrid network connection, and a wide range of interfaces. It supports multiple operating systems and is ideal for both complex AI systems and simple embedded projects.

Key Features

01 **Open-source and Advanced RISC-V Single Board Computer**

Powered by TH1520 RISC-V quad-core Xuantie C910 processor IP operating at up to 1.85GHz

02 **Significant AI Acceleration**

Offer 4 TOPS NPU @ INT8 1GHz computing power, support Tensor Flow, ONNX, Caffe framework

03 **Hybrid Network Connection**

Integrate with 2.4G Wi-Fi & Bluetooth 5.2 wireless connection and provide 1 Gigabit Ethernet network interface

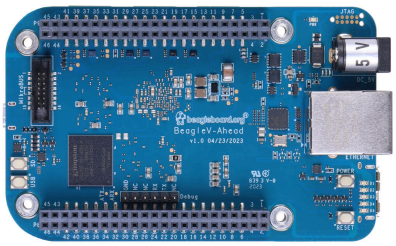
04 **Rich Extensions and Interfaces**

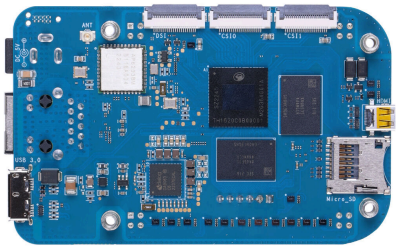
Equip mikroBUS™ uniform connection, provide 2x CSI, 1x HDMI, 1x DSI media ports, 2x 46pin BeagleBone® Header, 1x microSD, and 1x microUSB 3.0

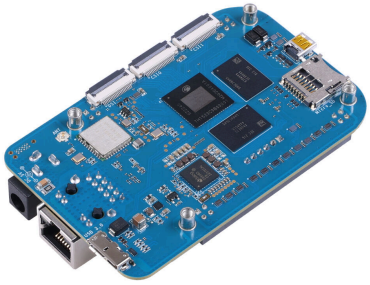
05 **Multiple OS Support**

Support Yocto, and Linux distribution such as Ubuntu and Fedora (in development)

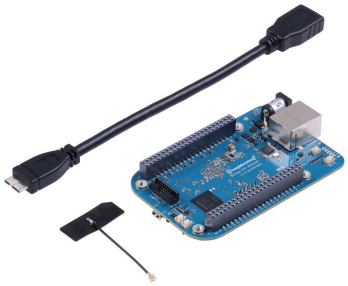
Product Gallery

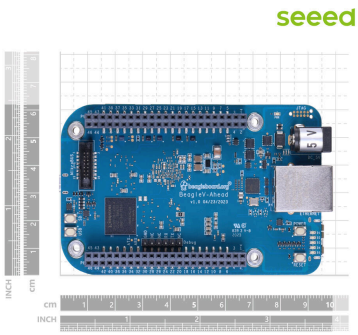












Resource Links

- https://www.seeedstudio.com/BeagleV-Ahead-p-5738.html
- BeagleV® - Ahead Documents
- BeagleV® - Ahead_Datasheet-by_Seeed-Studio

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