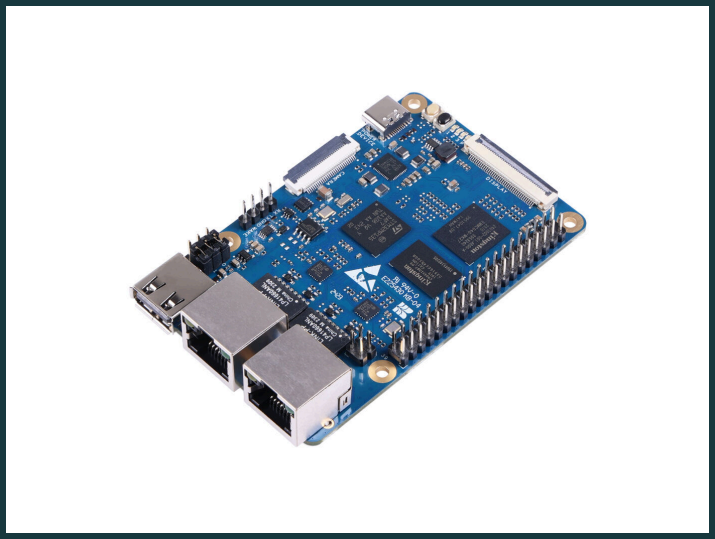
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INDUSTRIAL PRODUCT DATASHEET

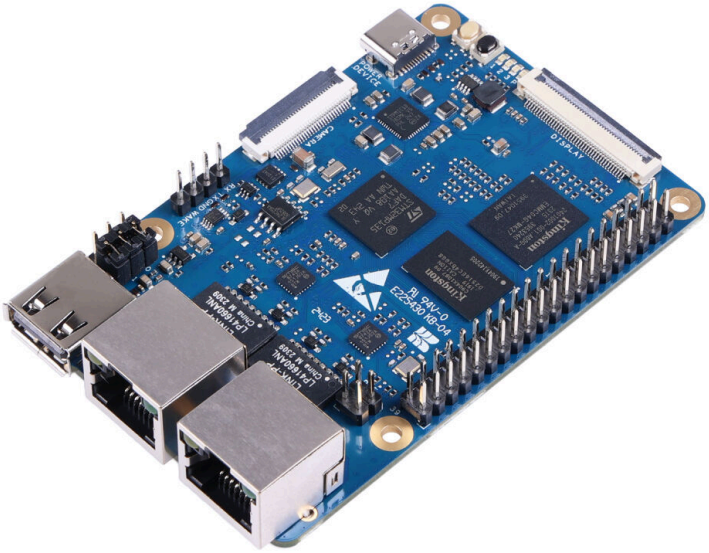
ODYSSEY- STM32MP135D with eMMC, Cortex-A7 STM32, Yocto/Buildroot OS, Ethernet ports with WoL, USB Type-A, CSI, LCD, 4Gb DRAM, TF card holder, PoE

This is a compact STM32 single-board computer that supports multiple operating systems and offers multiple connections, with efficient data transfer and flexible power supply, scalable storage capacity.

SKU	UPDATED	PRICE
102110859	2026-11-11 08:59:53	$39.99(Excl. VAT)



Overview



This is a compact STM32 single-board computer that supports multiple operating systems and offers multiple connections, with efficient data transfer and flexible power supply, scalable storage capacity.

Key Features

01

Compact STM32 Single Board Computer

Equip a powerful 32-bit Arm Cortex-A7 STM32 MPU in an 8.5cm x 5.6cm board, supporting Yocto, Buildroot Operating System

02

Versatile Connectivity

Offer two 10/100M Ethernet ports, ETH0 supports WoL function, 1x USB Type-A, 1x CSI 30p FPC Connector, 1x LCD 40p FPC Connector, 40-pin GPIO for fast data transfer

03

Expandable Storage

Provide Kingston 4Gb DRAM and an additional TF card holder for up to 32GB, with 4GB eMMC

04

Flexible Power Supply

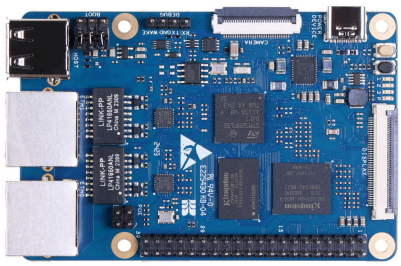
Support PoE through Ethernet and power supply through Type-C

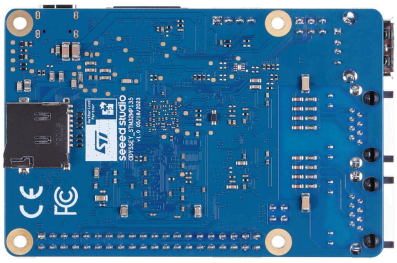
05

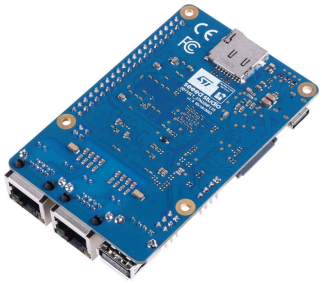
Line redundancy in the field of industrial field control

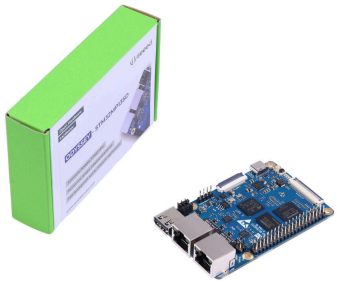
Offer 2 network ports input backup, 2 lines connected to different operators, ensure data stability and security

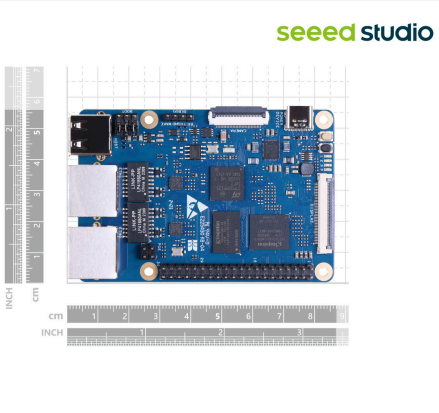
Product Gallery











Applications

- **Networked Monitoring Device**
- **Home Security System**
- **Portable Media Player**
- **Smart Vending Machine**

Resource Links

- https://www.seeedstudio.com/Odyssey-MP135D-eMMC-p-5728.html
- SMD IC Memory;FBGA-96-Specification.pdf
- SGMICRO_SGM820B-2.8XTDE8G TR_Datasheet.pdf
- ST_STPMIC1DPQR_Datasheet.pdf
- ST_STM32MP135DAF7_Datasheet.pdf
- ODYSSEY_STM32MP135D_SCH

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