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INDUSTRIAL PRODUCT DATASHEET

Wio Lite AI: Powerful AI vision development tool kit based on the STM32H725AE chip with RGB LCD and Camera

Wio Lite AI is a microcontroller vision development tool based on the STM32H725AE chip which is an Arm® Cortex®-M7 32-bit 550 MHz high-performance microprocessor.

SKU	UPDATED	PRICE
110991524	2026-11-11 08:42:19	$55.00(Excl. VAT)



Overview



Wio Lite AI is a microcontroller vision development tool based on the STM32H725AE chip which is an Arm® Cortex®-M7 32-bit 550 MHz high-performance microprocessor. The Single board is equipped with 16MB SPI NOR flash, 8MB PSRAM, dual-band 2.4GHz/5GHz Wi-Fi and Bluetooth 5.1. Also, there are 2-million-pixel DCMI camera and a 2.8-inch resistive touch screen RGB LCD in this kit, which makes it easy to apply into a vision project just out-of-box.

Key Features

01 **Based on STM32H725AE Chip, an Arm® Cortex®-M7 32-bit 550 MHz high-performance microprocessor**

02 **16MB SPI NOR flash and 8MB PSRAM**

03 **Include a 2.8-inch resistive touch screen LCD with a resolution of 240*320 and a 2-million-pixel DCMI Camera (OV250)**

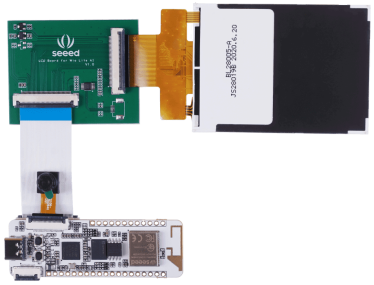
04 **Wireless connectivity with dual-band 2.4GHz / 5GHz Wi-Fi and Bluetooth 5.1**

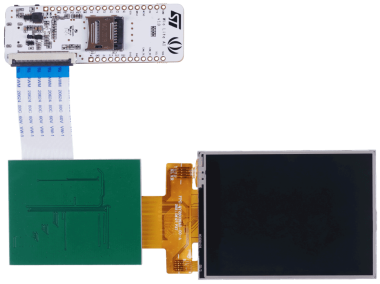
05 **One USB Type-C for power supply and one micro-SD card slot for extra storage**

06 **Provide software support for a quick start of Vision project**

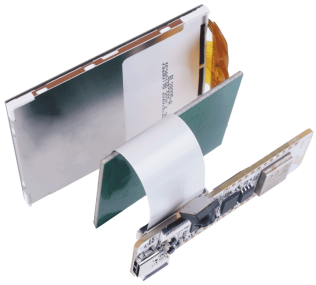
Product Gallery











Applications

- **Data Collection Device for Machine Learning**
- **Hand-held Device IoT Controller**
- **Education**
- **Motor drive and application control**
- **Alarm systems, video intercom, and HVAC**

Resource Links

- https://www.seeedstudio.com/Wio-Lite-AI-p-5119.html
- SeeedBoard STLink ConnectionGuide
- Visual Inspection Training Courseware for Artificial Intelligence
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- Visual Inspection Training Courseware for Artificial Intelligence

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