

ARDUINO Edge AI BOX

Plug-and-Play Edge AI Computing Box | Based on
Arduino UNO Q



OVERVIEW

Arduino Edge AI BOX is an expansion computing box specially designed for Arduino UNO Q. Designed for rapid prototyping and edge intelligence applications, it comes with a pre-installed Carrier Board. Simply install your Arduino UNO Q board into the box to instantly gain rich I/O interfaces and complete system capabilities—no additional adapters, wiring, or soldering required. Truly 'install and use'.

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KEY FEATURES

- SEAMLESS INTEGRATION**
Designed specifically for Arduino UNO Q. Instantly expands a wide range of industrial and consumer interfaces, drastically reducing development time.
- RICH INTERFACES, ALL IN ONE BOX**
 - 2 × USB 2.0 HOST
 - 3 × USB Type-C
 - 1 × Gigabit Ethernet
 - 1 × Audio In/Out (3.5mm combo jack)Covers data exchange, peripheral connection, network communication, and audio processing needs.
- ULTRA-COMPACT, READY TO GO**
Compact size of only 112 × 75 × 40 mm (about the size of a portable hard drive). Easy to carry in your bag or pocket. Perfect for field testing, trade shows, mobile deployment, and more.
- DUAL-OPTION ENCLOSURE**
Available in Plastic or Aluminum Alloy enclosure:
 - Plastic Case: lightweight, cost-effective, good insulation
 - Aluminum Alloy Case: premium look, excellent heat dissipation, impact resistantChoose the one that best fits your aesthetics, thermal requirements, and usage environment.

TYPICAL APPLICATIONS

- Edge AI inference node (camera, sensors connection)
- Portable industrial controller
- Multimedia interactive devices
- IoT gateway and protocol converter
- Education / maker rapid prototyping

TECHNICAL SPECIFICATIONS

Item	Specification
Compatible Board	Arduino UNO Q
Carrier Board	Pre-installed Carrier Board, plug-and-play
USB Interfaces	2 × USB 2.0 HOST, 3 × USB Type-C
Network Interface	1 × Gigabit Ethernet (10/100/1000Mbps)
Audio Interface	1 × 3.5mm Audio Combo Jack (Audio Out + In)
Dimensions	112 × 75 × 40 mm
Enclosure Material	Plastic / Aluminum Alloy (optional)

WHY CHOOSE ARDUINO AI BOX?

"Stop worrying about not enough ports, difficult enclosures, and messy wiring."

Focus on your ideas and functions, leave the hardware integration to us.



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