



Smart Industry Prototyping Kit

The Pro Smart Industry Prototyping Kit is the perfect way to learn and create solutions focused on industrial applications developed on Linux OS, LoRa[®] and cellular connectivity and leading industrial communication protocols like CAN Bus and RS-232/485.

Try the Arduino's most advanced SOM experience with X8, a powerful, industrial-grade SOM with Linux OS preloaded onboard, capable of running device-independent software thanks to its modular container architecture.

Experience the X8 Manager integration for Arduino Cloud, enabling secure OTA updates and Fleet management.

Key features

- Secure OTA Updates & Fleet management
- Easily accessible resources for the Portenta X*
- Modular container architecture
- Easily add LoRa[®] and Cat.M1 connectivity layer thanks to the Portenta Max Carrier

Additional features

The Arduino PRO Kits are development enablers designed to offer end to end solutions to deep dive the technological experiences offered by the Arduino Ecosystem, targeting specific verticals. Made of a set of selected products, accessories, tools and guides, are easy and ready-to-use bundles to build professional applications and proof of concepts.

Quickly put them to work, leveraging the many available software libraries from Arduino and the compatible third party integrations for AI transformation.

Take advantage of the zero touch programming experience of the Arduino IoT Cloud: the onboard secure element ensures over-the-air firmware updates and remote control via the Arduino Cloud or third-party services.

Applications

- Industrial automation,
 - motion control,
 - HMI

- Industrial IoT gateway
- Smart cities - building automation
 - Smart kiosk
 - Access monitoring

Kit contains:

- Arduino Portenta X8
- Arduino Portenta Max Carrier
- USB Hub
- LoRa antenna
- Cat.M1 antenna
- Power supply for Portenta Max Carrier

Software included:

- Arduino Cloud for business 3 months voucher
- Machine learning tools for IoT Cloud

Service & Support included:

- 1hr remote consulting for Product Selection with an Arduino or Arduino partner expert
- 2hrs remote Technical Support from an Arduino Expert