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INDUSTRIAL PRODUCT DATASHEET

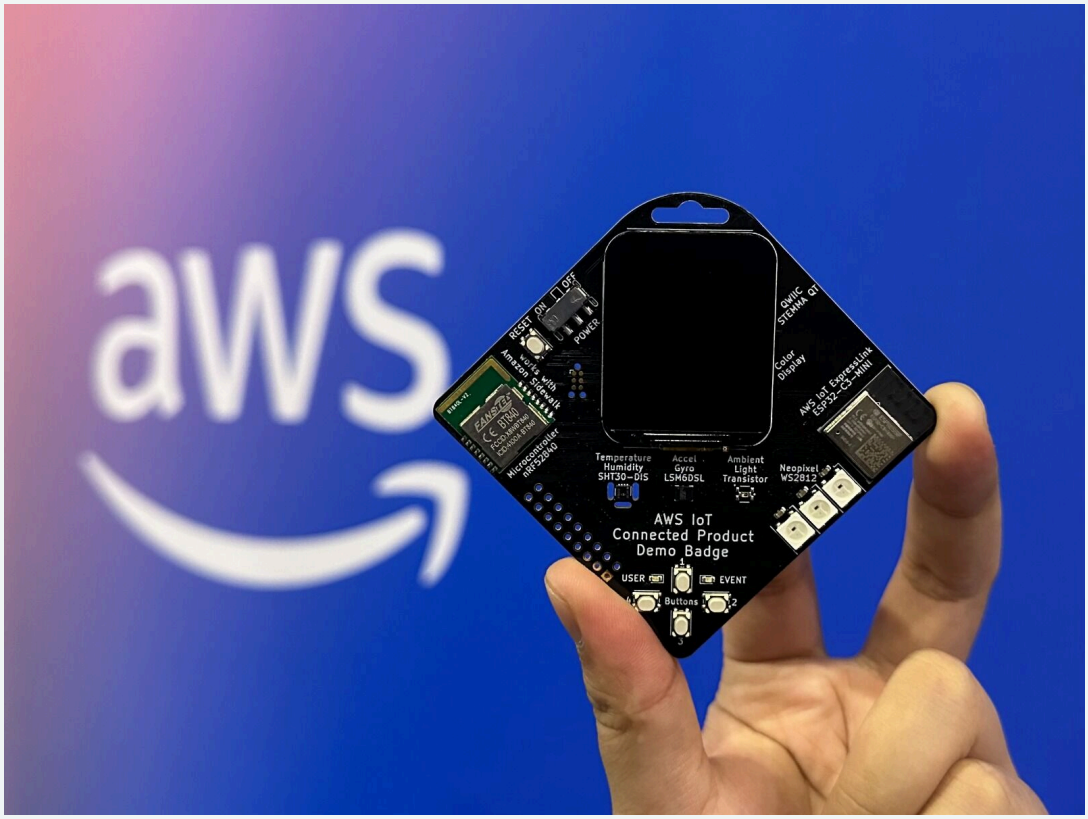
Demo Badge for AWS IoT

IoT learning platform with ESP32C3 and nRF52840 for the AWS re:Invent 2023 IOT202 workshop.

SKU	UPDATED	PRICE
114993206	2026-04-15 06:15:02	$36.00(Excl. VAT)



Overview

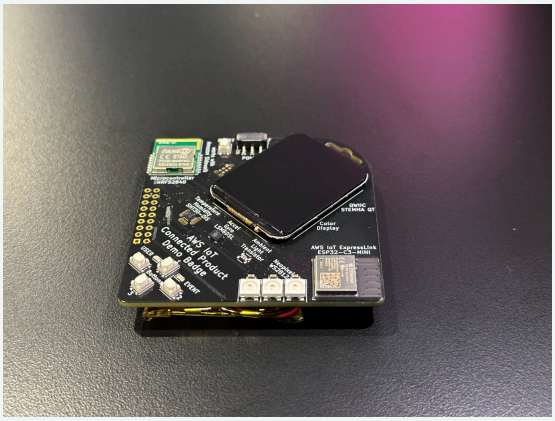


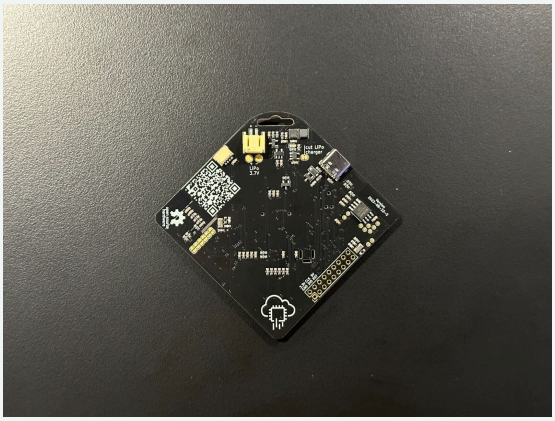
The Demo Badge for AWS IoT is a fully integrated board with ESP32C3 and nRF52840 chips, perfect for IoT knowledge learning and embedded development, supporting applications like Smart Home Control, Educational IoT, and Environmental Monitoring. Designed specifically for the IOT202 'Building compliant, secure connected products with AWS IoT' Workshop at re:Invent 2023, it features rich interfaces including buttons, LEDs, a display, and a connectivity module connected via a central microcontroller.

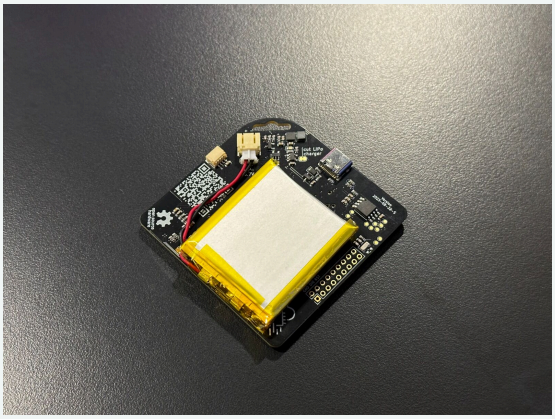
Key Features

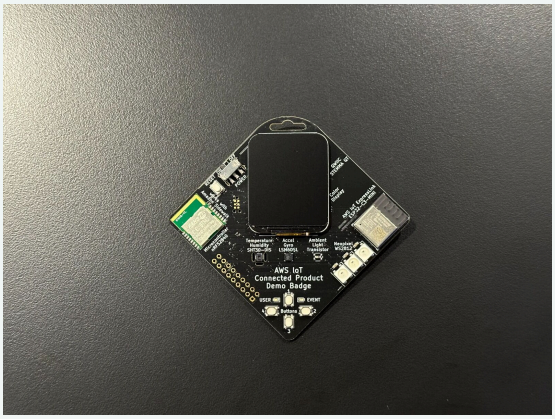
- **AWS IoT educational learning platform:** Fully integrated board with ESP32C3 and nRF52840 chip perfect for IoT knowledge learning and embedded development
- **Designed for AWS-workshop evernts:** Specifically for IOT202 Building compliant, secure connected products with AWS IoT Workshop at re:Invent 2023
- **Rich interfaces:** Using a central microcontroller to connect buttons, LEDs, a display, and a connectivity module.

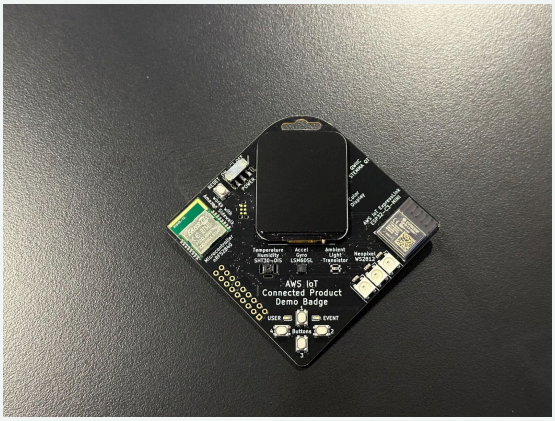
Product Gallery











Specification

Component	Detail

Microcontroller	● Nordic Semiconductor nRF52840 ARM® Cortex®-M4 32-bit processor with FPU, 64 MHz ○ ARM® TrustZone® Cryptocell 310 security subsystem ○ 1 MB flash and 256 kB RAM ○ Bluetooth 5 ○ Matter & Thread compatible ○ works with Amazon Sidewalk over BLE ● packaged and certified module with on-board PCB antennaFanstel BT840
AWS IoT ExpressLink module	Espressif ESP32-C3-MINI-1-A ● factory-programmed with AWS IoT ExpressLink firmware and provisioned with birth certificate signed by Espressif certificate authority
External Flash	● Winbond W25Q128JVSIQ ● 128 Mbit / 16 MiB ● QSPI interface ● used for USB mass storage ● FAT file system

Applications

- **Smart Home Control**
- **Educational IoT**
- **Environmental Monitoring**

Part List

AWS IoT - Connected Product AWS Badge	x1

Compliance & Logistics

HSCODE	8517180050
USHSCODE	8517180050
UPC	
EUHSCODE	8543709099
COO	CHINA

Resource Links

- https://www.seeedstudio.com/AWS-IoT-Connected-Product-p-5844.html
- Appendix of AWS IoT - Connected Product AWS Badge

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