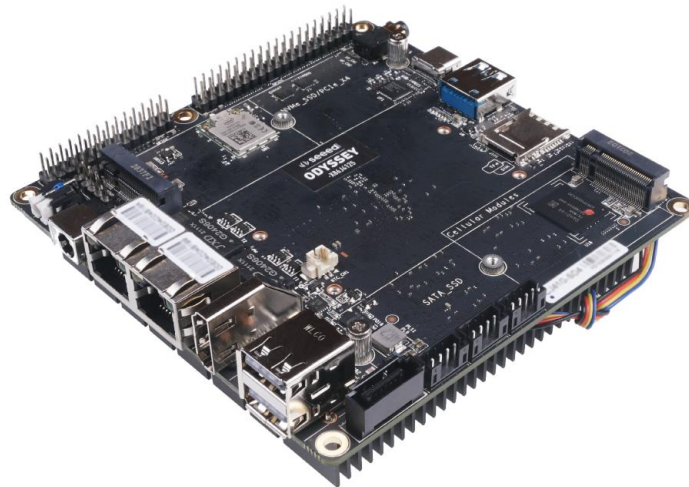# SEEED-102110540

ODYSSEY-X86J4125864 MOST EXPANDABLE WIN10 MINI PC

PRODUCT DETAILS

Seeed Studio ODYSSEY- X86J41058x Win10 Mini PCs allow building edge computing applications with powerful CPU and rich communication interfaces. These Win10 mini PCs are based on Intel® Celeron® J4125, a Quad-Core 1.5GHz CPU that bursts up to 2.5GHz. The X86J41058x Win10 Mini PCs feature 8GB LPDDR4 RAM, 64GB eMMC storage(optional), onboard Wi-Fi/BLE, dual gigabyte ethernet ports, USB ports, HDMI, SATA connectors, and PCIe. The ODYSSEY- X86J41058x Win10 mini PCs support Windows 10 and Linux OS and are compatible with the grove ecosystem. These PCs feature onboard ATSAMD21 Core, an Arm Cortex-M0+ MCU that allows you to program Arduino on the x86 platform. Typical applications include Network-Attached Storage (NAS), edge computing, router, robotic, industrial applications, media center, IT industry, educational fields, thin client, server cluster, and IoT gateways.

FEATURES

- Intel® Celeron® J4125 processor, Quad-Core 1.5GHz to 2.5GHZ
- Dual-band frequency 2.4GHz/5GHz WiFi
- Intel® UHD graphics 600
- Dual gigabit ethernet
- Integrated Arduino coprocessor ATSAMD21 Arm® Cortex®-M0+

- Raspberry Pi 40-pin compatible
- 2 x M.2 PCIe (B key and M key)
- Support Windows 10 and Linux OS
- Compatible with grove ecosystem

SPECIFICATIONS

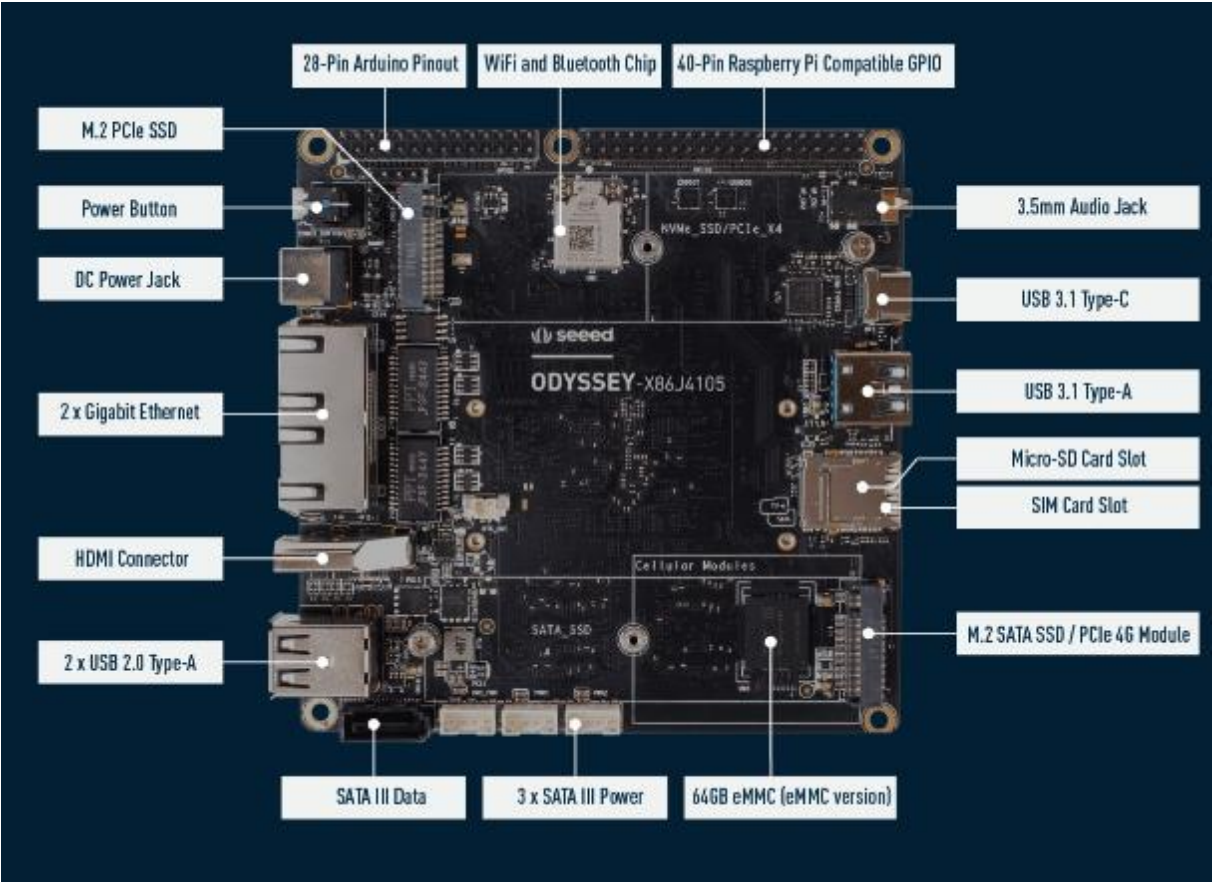- 8GB LPDDR4 RAM
- 64GB eMMC storage

- 110mm x 110mm dimensions
- 0°C to 75°C operating temperature range

APPLICATIONS

- Mini PC
- Network-Attached Storage (NAS)
- Edge computing
- Router
- Robotics
- Industrial applications
- Media center

- IT industry
- Educational fields
- Thin client
- Server cluster
- IoT gateway

HARDWARE OVERVIEW

PINOUT DIAGRAM