

Odyssey Blue: Quad Core Celeron J4125 Windows 10 Mini PC with 128GB external SSD (TELEC)



PRODUCT DETAILS

This is the **TELEC Version of the ODYSSEY-BLUE with no power adapter**. Non-Japanese users who needs power supply, please buy the regular version.

This version of **ODYSSEY - Blue J4125 is pre-packed mini PC with re computer case**. There is no onboard eMMC but is **equipped with 128gb SSD**. The Pre-installed Windows 10 Enterprise has not been activated.

Please note that when you have powered on but the fan does not rotate, it may be due to the following reasons.

1. The CPU itself does not have a temperature sensor. The temperature sensor is on the PCB, close to the CPU.
2. The temperature threshold set in the BIOS is based on the temperature of the PCB, not the temperature of the CPU.
3. There is a delay in the CPU temperature transfer to the PCB.

At this time, please try to let the CPU run at full load for 20 minutes.

Intel® Celeron®
J4125

Intel®
UHD Graphics 600

128GB SSD

Odyssey Blue J4125 Windows 10 / Linux Mini PC with 128GB External SSD

Dual
4k@60Hz

Dual-Band
2.4/5GHz WiFi

Dual Gigabit Ethernet
eDP via USB Type-C

2 x M.2
PCIe

2-in-1 SD-Card
& SIM Card Slot

Key Features

- **Intel® Celeron® J4125**, Quad-Core 2.0-2.7GHz
- Dual-Band Frequency 2.4GHz/5GHz WiFi
- Intel® UHD Graphics 600
- Dual Gigabit Ethernet
- Integrated Arduino Coprocessor **ATSAMD21 ARM® Cortex®-Mo+**
- Raspberry Pi 40-Pin Compatible
- 2 x M.2 PCIe (B Key and M Key)
- Support Windows 10 & Linux OS
- Compatible with Grove Ecosystem
- No onboard eMMC but **equipped with 128g SSD**
- **Packed with re-computer case**
- Pre-installed Windows 10 (Unactivated)

Applications

- A **powerful Desktop Mini PC that can run Windows and Linux OS.**
- OpenWrt projects and pfSense with Dual Gigabit Ethernet.
- Hard Drives, SSD, GPU, 4G, and even 5G cellular network connectivity with two of M.2 PCIe (B Key and M Key)
- NAS (Network-Attached Storage)
- High-performance Virtual Router
- 4G LTE Gateway
- Program Arduino with onboard ATSAMD21 Core, an ARM Cortex-Mo+ MCU

Description

Odyssey Blue J4125 128 GB is a powerful mini PC with super low power consumption. It's a perfect device for industrial and commercial applications. You can use it as office equipment or a compact gaming PC. The compact design makes it easy to keep your desk clean and neat. With 4k HD video output, you can easily build your own home entertainment with ODYSSEY Blue.



Windows 10 & Linux Mini PC. Dual 4K



We also have **Windows 10 pre-installed**. Just simply connect it to a mouse, a keyboard and a monitor with the ODYSSEY Blue. You can start playing your favourite game right away.



Are you a Linux user? Just install your favourite Linux distribution! ODYSSEY Blue provides full support for popular Linux OS, like Ubuntu, Mint, Manjaro, and etc.



The J4125 supports Intel **Hyper V virtualization** and can be virtualized with Promox or VMware ESXi to create multiple instances or install multiple systems which makes it perfect for homelab option.

For more information, please check [this blog](#) for ESXi installation.

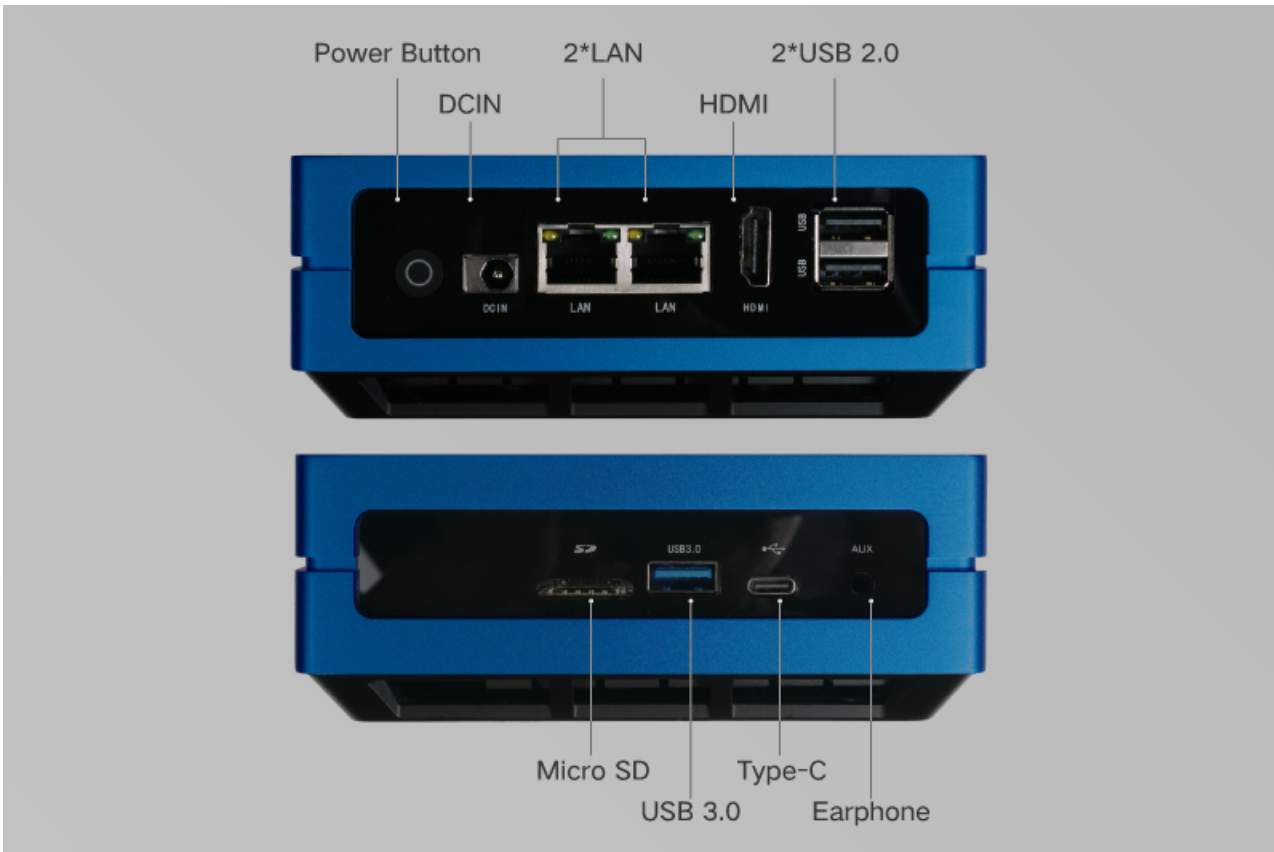


With **Dual Gigabit Ethernet**, you can build the OpenWrt project and pfSense with ease. There are **also two of M.2 PCIe (B Key and M Key)**, which enables various expandable capabilities including Hard Drives, SSD, GPU, 4G, and even 5G cellular network connectivity.





The ODYSSEY Blue J4125 128 GB is more than just a computer, with the Arduino Co-processor onboard, it can be used to connect with sensors, gyroscope, and much more. Why don't you start exploring your IoT journey from here! We have over 300 Grove modules and Sensors for you to choose from.



Specification

Components	ODYSSEY Blue J4125 128 GB
Processor	Intel® Celeron® J4125 (Frequency: 2.0 - 2.7GHz)
Coprocessor	Microchip® ATSAMD21G18 32-Bit ARM® Cortex® M0+
Graphics	Intel® UHD Graphics 600 (Frequency: 250 – 750MHz)
Memory	LPDDR4 8GB
Storage	External 128GB SSD
Wireless	Wi-Fi 802.11 a/b/g/n/ac @ 2.4/5 GHz HT160
Networking	Intel® I211AT PCIe Gigabit LAN, Supports Wake-On-LAN, Supports PXE
Audio	Microphone + headphone Combo Connector

USB	USB 2.0 Type-A x2, USB 3.1 Type-A x1, USB 3.1 Type-C x1
Video Interfaces	HDMI2.0a: Up to 4096x2160 @ 60Hz 24bpp / DP1.2a: Up to 4096x2160 @ 60Hz 24bpp
Expansion Slots	M.2(Key B, 2242/2280): SATA III, USB2.0, UIM; M.2 (Key M, 2242/2280): PCIe 2.0 x4; Micro SD card Socket; SIM Card Socket; SATA III
TPM	Built-in TPM (2.0)
Power	DC Jack 5.5/2.1mm or Type-C PD; DC Jack input: 12-19V DC; Type-C input: 15V DC
Dimensions	130x120x50mm
Certifications	FCC, CE, TELEC

Hardware Overview



Part List

- ODYSSEY - X86J4125 x 1
- User Manual x 1
- Antenna x 2(Assembled)
- RTC Battery x 1(Assembled)
- Heat Sink(Assembled)
- Cooling Fan (Assembled)
- re_computer case x 1
- External 128g SSD (Assembled) x 1

ECCN/HTS

HSCODE 8471419000

UPC