

Coral Dev Board Mini



SKU

102110457

PRODUCT DETAILS

Features

- **Performs high-speed ML inferencing:** The onboard Edge TPU coprocessor is capable of performing 4 trillion operations (tera-operations) per second (TOPS), using 0.5 watts for each TOPS (2 TOPS per watt). For example, it can execute state-of-the-art mobile vision models such as MobileNet v2 at almost 400 FPS, in a power-efficient manner. [See more performance benchmarks.](#)
- **Provides a complete system:** A single-board computer with SoC + ML + wireless connectivity, all on the board running a derivative of Debian Linux we call Mendel, so you can run your favorite Linux tools with this board.
- **Supports TensorFlow Lite:** No need to build models from the ground up. TensorFlow Lite models can be compiled to run on the Edge TPU.
- **Supports AutoML Vision Edge:** Easily build and deploy fast, high-accuracy custom image classification models to your device with AutoML Vision Edge.

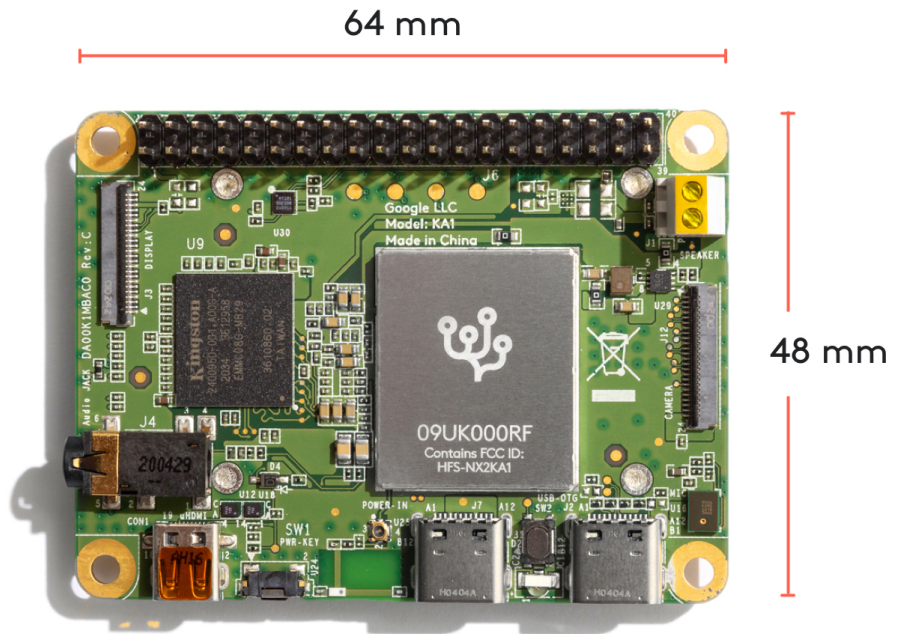
Description

The Coral Dev Board Mini is a single-board computer that provides fast machine learning (ML) inferencing in a small form factor. It's primarily designed as an evaluation device for the Accelerator Module (a surface-mounted module that provides the Edge TPU), but it's also a fully-functional embedded system you can use for various on-device ML projects.

Specifications

CPU	MediaTek 8167s SoC (Quad-core Arm Cortex-A35)
GPU	IMG PowerVR GE8300 (integrated in SoC)
ML accelerator	Google Edge TPU coprocessor: 4 TOPS (int8); 2 TOPS per watt
RAM	2 GB LPDDR3
Flash memory	8 GB eMMC
Expandable memory	Micro-SD card slot
Wireless	Wi-Fi 5 (802.11a/b/g/n/ac); Bluetooth 5.0
Audio/video	3.5mm audio jack; digital PDM microphone; 2.54mm 2-pin speaker terminal; micro HDMI (1.4); 24-pin FFC connector for MIPI-CSI2 camera (4-lane); 39-pin FFC connector for MIPI-DSI display (4-lane)
Input/output	40-pin GPIO header; 2x USB Type-C (USB 2.0)
Box Dimensions	383x220x166mm
Box Weight	3.49kg

Dimensions



Part List

1 x Coral Dev Board Mini

ECCN/HTS

HSCODE 8543709990

UPC