CORAL Single-Board Computer with Edge TPU Module Instructions

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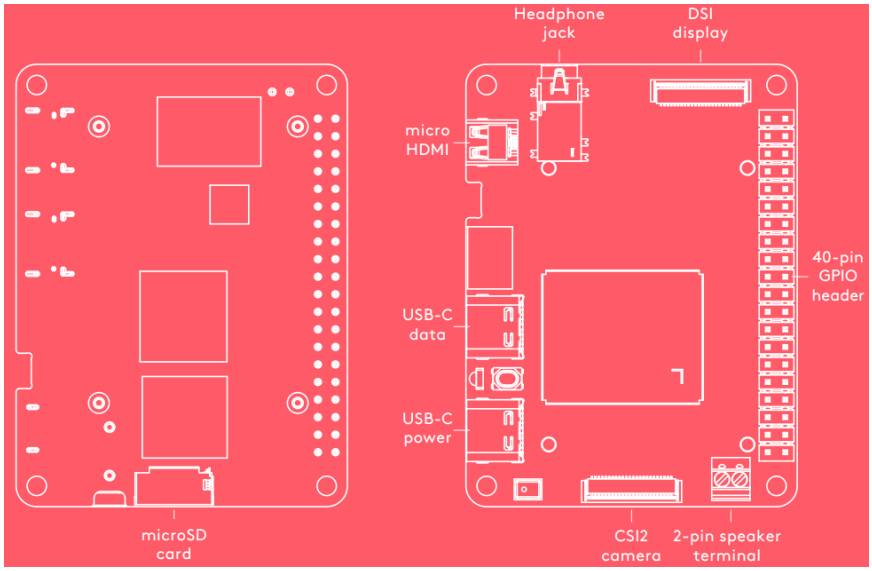
To get started, follow the instructions at coral.ai/docs/setup/

Contents

Connectors & Parts



Google's AI Principles guide all of our work. We hope they will guide your work too.

See them at: ai.google/principles

Models built using TensorFlow

Works with Google Cloud

Compliance Informations

The regulatory information, certification, and compliance marks can be found on your device.
Manufacturer: Google LLC, 1600 Amphitheatre Parkway, Mountain View, CA, USA, 94043
Importer: For contact information for the importer for your region, see **coral.ai/legal/**

Information on Frequency Bands and Power: Data given here is the maximum radio-frequency power transmitted in the frequency band (s) in which the radio equipment operates. WiFi: 2400-2483.5MHz (Max **XX** dBm), 5150-5250MHz, 5250-5350MHz, 5470-5725MHz (Max **XX** dBm), 5745-5825MHz (Max **XX** dBm). Bluetooth: 2400-2483.5MHz (Max **XX** dBm).

EMC Compliance – Important: This device, power adapter, and other in-box accessories have demonstrated Electromagnetic Compatibility (EMC) compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.
RF exposure: You can learn more about radio frequency exposure at **coral.ai/legal/**

FCC Information: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications riot expressly approved by Google could void your authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Additional FCC compliance information can be found online at **coral.ai/legal/**

The European Union Waste Electrical and Electronic Equipment (WEEE) Directive: Your Dev Board Mini is marked with the symbol of the crossed-out wheeled bin, which means the equipment should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities for safe disposal or recycling. The separate collection and recycling of your product and its electrical accessories will help conserve natural resources, protect human health, and help the environment.

Recycling, E-waste Management and Handling: Your Dev Board Mini is marked with the symbol of the crossed-out wheeled bin. This label indicates that this product should not be thrown away with household waste. It should be deposited at an appropriate facility to allow recovery and recycling. Google declares that your Dev Board Mini has been designed and manufactured in compliance with E-Waste (Management) Rules, 2016 (hereafter “the Rules”), and is specifically in compliance with Rule 16 (1) on the reduction in the use of hazardous substances in the manufacture of electrical and electronic equipment and their maximum allowed concentrations by weight in the homogeneous materials (except for the exemptions listed in schedule II). Improper handling, disposal, accidental breakage, damage or improper recycling of e-waste may present risks, including, but not limited to, fire, explosion and/or other hazards and uncontrolled waste disposal which may be detrimental to/have adverse effects on the environment as it prevents reuse of resources. Some e-waste may contain hazardous chemicals which, if disposed improperly, may make water, soil and other natural resources toxic. Improper disposal may cause harm to plant, animal and human life.

REACH: Google complies with the REACH (Registration, Evaluation, Authorization and Restriction of Chemicals, EC No 1907/2006) regulation and your Dev Board Mini does not contain any Substances of Very High Concern (SVHCs) beyond the limits of this regulation. For information, contact Google at **coral-compliance@google.com**.

EU Declaration of Conformity: Google LLC hereby declares device model KA1 is in compliance with Radio Equipment Directive 2014/53/EU. The full text of the EU declaration of conformity is available at **coral.ai/legal/**

Hazardous Applications Prohibited: The Dev Board Mini is not designed, recommended or authorized for any of the following applications: high-risk applications such as safety, life support, surgical implant, nuclear, or aircraft applications, or for any use or application in which the failure of a single component could cause substantial harm to persons or catastrophic property loss; or for any military or weaponry use, including but not limited to chemical, nuclear, biological, aircraft, missiles, and similar military applications.

Safety Warning Notice: To reduce the possibility of heat-related injuries or of overheating your Dev Board Mini, do not place it near heat sources such as radiators or stoves and do not cover it with soft surfaces, such as pillows, rugs or clothing. Also, do not allow the Dev Board Mini to contact the skin or flammable materials during operation.

If you have safety concerns or notice crackling, hissing, popping, or a strong odor or smoke coming from your Dev Board Mini, do not use it. Turn off your Dev Board Mini, disconnect it from its power source, and contact technical support for assistance.

Restrictions and Requirements per RED: The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range for member states: AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HR, HU, 1E, IT, LT, LU, LV, MT, NL, PO, PT, RO, SE, SI, SK, UK, (CH, IS, LI, NO), (TR).

Documents / Resources

	**CORAL Single-Board Computer with Edge TPU Module** [pdf] Instructions NX2KA1, HFS-NX2KA1, HFSNX2KA1, Single-Board Computer with Edge TPU Module, Board Computer, Edge TPU Module, Computer TPU Module

References

- **Set up a new device | Coral**
- **Legal | Coral**