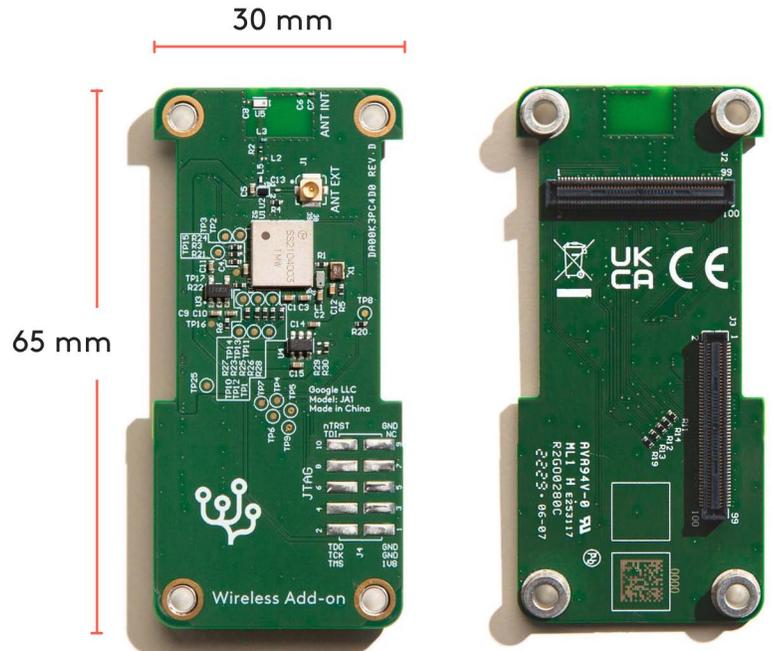


Wireless Add-on datasheet

Version 1.0

Features

- Murata LBEE5HY1MW module
 - Wi-Fi
 - 802.11 a/b/g/n/ac
 - 2.4 GHz and 5 GHz
 - Bluetooth 5.0
- On-board antenna
- Alternative antenna connector (U.FL coaxial)
- Cutouts for main board GPIO header pins
- Exposed JTAG pins for debugging main board
- **Requires Coral Dev Board Micro** (sold separately)



Description

The Coral Wireless Add-on board provides wireless connectivity for the Coral Dev Board Micro. It snaps onto the Dev Board Micro with two high-density connectors.

Ordering information

Part number	Description
G650-07974-01	Coral Wireless Add-on

1 Mechanical dimensions

Table 1. Physical specifications

Measurement	Wireless Add-on only	Total with Dev Board Micro
Size	65.0 × 30.0 × 6.1 mm	65.0 × 30.0 × 11.7 mm
Weight	7.6 g	18.0 g

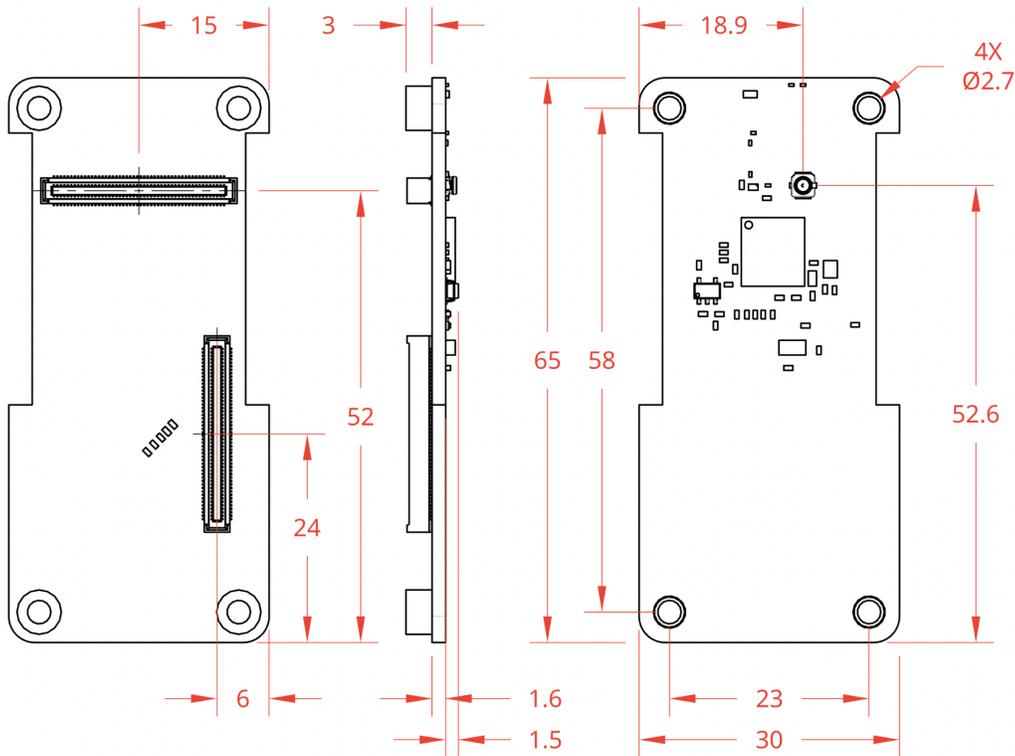


Figure 1. Wireless Add-on board dimensions

2 Recommended operating conditions

Table 2. Board operating conditions

Parameter	Min	Typical	Max
Board supply voltage (VDD)	3.2 V	3.3 V	4.2 V *
Operating temperature	0 °C	–	50 °C
Storage temperature	-30 °C	–	85 °C

* The max voltage is for the wireless module only. The VDD rail from the Dev Board Micro cannot deliver more than 3.6 V.

Caution: The board can become hot during operation. When using a case, the board might require additional cooling to maintain proper operating temperatures. You must validate safe operation before you deploy.

3 Design files

Table 3. Add-on board design files

Files	Description
Dev Board Micro and add-on schematics	Electrical schematic for the main board and add-ons
Dev Board Micro and add-on models	3D model files for the main board and add-ons

4 Document revisions

Table 4. History of changes to this document

Version	Changes
1.0	Initial release