

PRECURSOR →

Quick Start Guide

Regulatory notice:

This device is not a phone. It does not contain a microphone. It does not contain a cellular radio.

Precursor PVT2

Printed in China
Rev 2.1

Package Contents

- Precursor device
- T3 torx screwdriver

No charger cable or charger is included in this package. Your Precursor device is designed to be charged using any compliant USB type C charger and cable. It can draw up to 1000mA at 5V.

Other accessories may be supplied with the device, depending upon the region and marketing bundle.

Powering On

Precursor is shipped with the battery internally isolated. Plug Precursor into a USB type C charger to defeat the isolation, and power the device on.

Once operational, subsequent power-on may be accomplished by simultaneously pressing the "F1" and "F4" keys (the larger keys on the top left and top right).

Getting Started

Visit <https://precursor.dev> for basic information.

Visit <https://github.com/betrusted-io/betrusted-wiki/wiki> for device technical support, firmware updates, changing the keyboard overlay, and more. Scanning the QR code below will take you to the wiki.



Getting Help

Warranty and hardware quality issues: email support@crowdsupply.com for returns and exchanges.

Software issues: please open an issue at <https://github.com/betrusted-io/xous-core/issues>, to facilitate progress tracking on your issue. For users who prefer not to use github, you may try contacting the maintainers on IRC at [#betrusted:matrix.org](https://betrusted.matrix.org).

EU Regulations

RED Declaration of Conformity

Sutajio Ko-Usagi PTE LTD hereby declares that this WiFi IoT device "Precursor PVT2" is in compliance with the essential requirements and other relevant provisions of the RE Directive 2014/53/EU.

This product is a portable device. To comply with RF exposure requirements, a minimum separation distance of 0.5cm must be maintained between the user's body and the device, including the antenna. Use only the supplied or an approved antenna.

The device complies with RF specifications when the device is used at 0.5cm from your body. *Don't get too close! Or else...?*

This device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.

Frequency Bands and Power

This IoT device can transmit in the WiFi 2412-2472 MHz band at a power of up to 16 dBm. The use of WLAN is restricted to indoor use only.

Do not dispose of this device in household waste. This device is RoHS compliant.

FCC Regulations

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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: *timeless advice, from an equally timeless piece of legislation.*

The device has been evaluated to meet general RF exposure requirements, when the device is used at 1.0cm from your body.

Model No: PRECURSORPVT2
FCC ID: 2A2EJ-PRECURSORPVT2



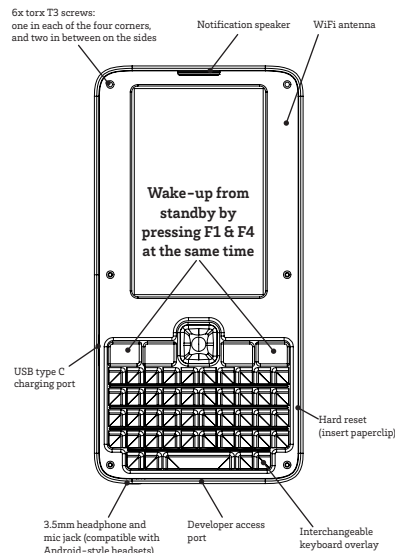
Safety Information



Follow the warning information provided below to prevent incidents such as fire or explosion.

- Do not expose the device to physical impact or damage.
- Use only approved batteries.
- Charge using only fully-compliant USB Type C chargers.
- Do not use the device in a hot environment, or near fire.
- Device is designed for use in ambient temperatures ranging from 0C to 35C. It may be stored between -20C and 50C.
- Do not allow children or animals to chew or to suck on the device.
- Do not splash liquids on the device, or expose device to excessive or conductive dust.
- Do not crush or dispose of the device in household waste.

Device Layout



Usage Notes

- This device has no built-in microphone.
- It is designed to be used with a hands-free wired microphone, as supplied by the user.
- Avoid touching the metal antenna patch for better WiFi performance.
- This device has no ingress protection. It may be damaged if exposed to dust or water.