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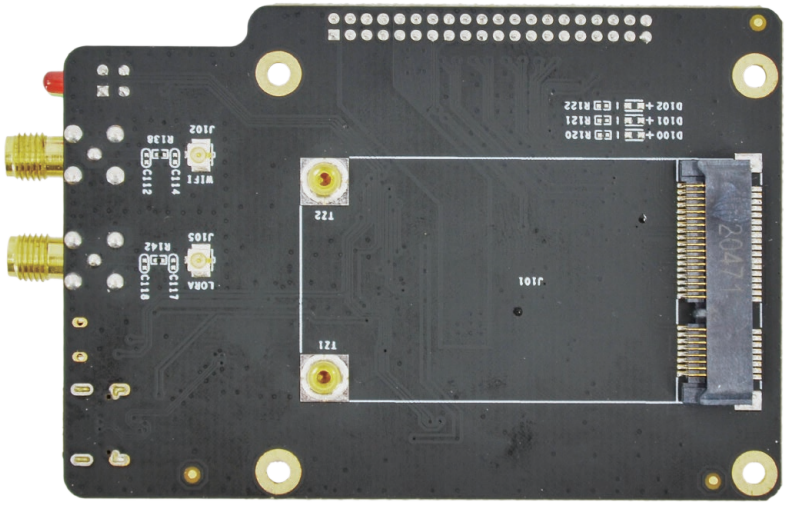
DEBIX LoRa Board



DEBIX Industrial Computer

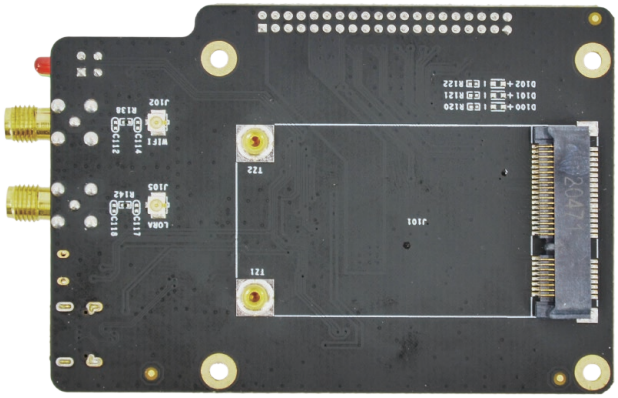
DEBIX LoRa Board

Overview:

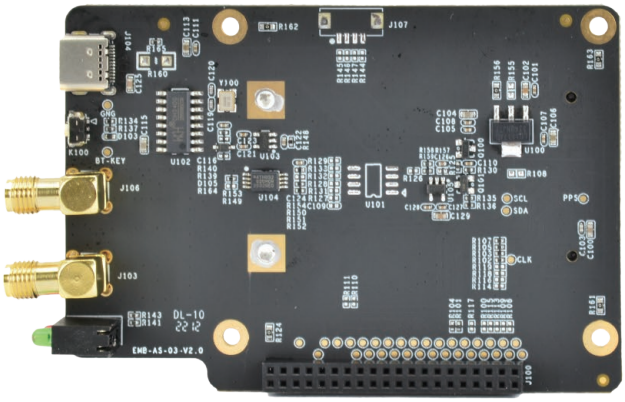
DEBIX LoRa Board fits DEBIX Model A/B/SE and provides a Mini PCIe interface for LoRa Module. LoRa enables long-range transmissions with low power consumption. In addition to a LoRa Antenna Connector, it also has a Wifi Antenna Connector and Bluetooth Pairing Button.

Compatibility:

Compatible with DEBIX Model A, DEBIX Model B, DEBIX Model SE



(Front View)



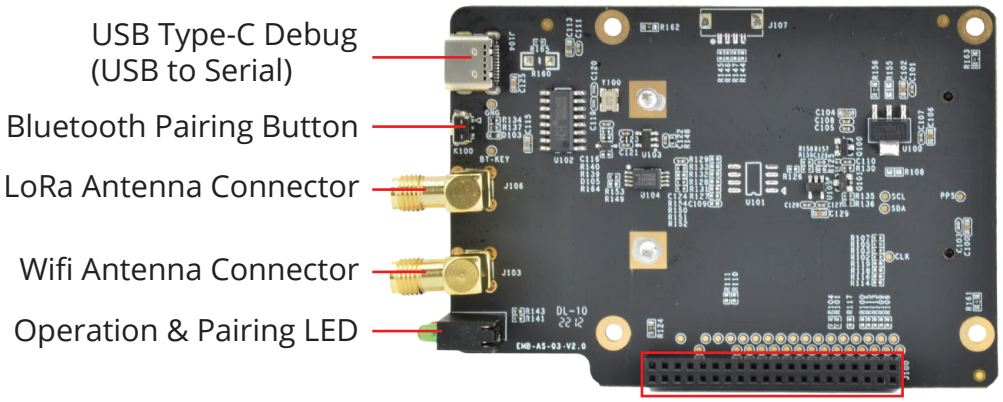
(Back View)

Specification:

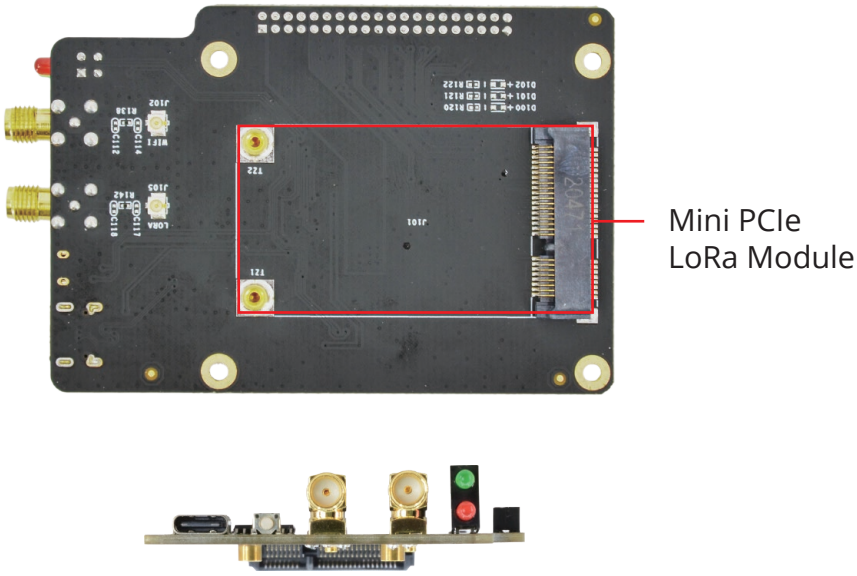
I/O Interfaces	
USB	1 x USB Type-C Debug (USB to Serial)
Mini PCIe	1 x Mini PCIe (LoRa Module)
Buttons	1 x Bluetooth Pairing Button
LED	1 x Operation Indicator, 1 x Pairing Indicator
External Antenna	1 x LoRa Antenna Connector, 1 x Wifi Antenna Connector
EEPROM	1 x 2Kbit EEPROM
Clipper Chip	1 x Secure Element, eg.ATECC608
Prower Supply	
Power Input	DC 5V/1A

Certificates:

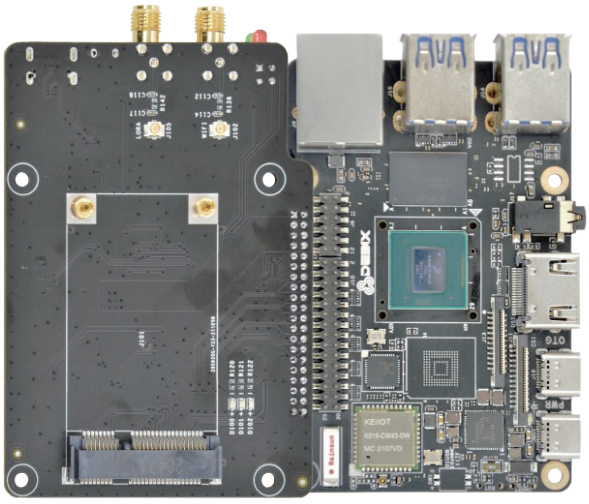
I/O Interfaces:

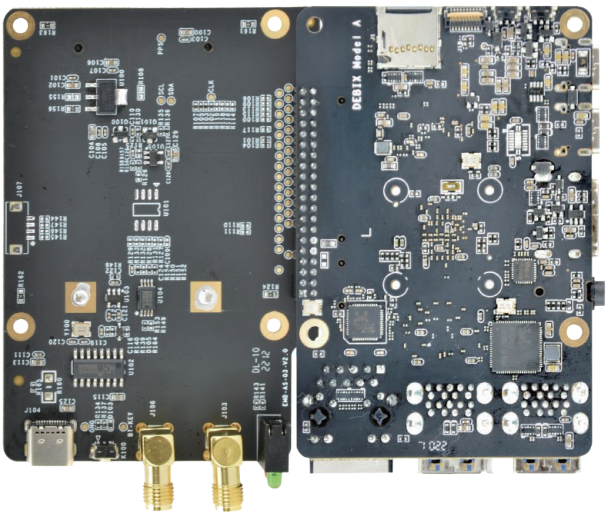


Connection Interface with DEBIX Model A/B/SE



Connection with DEBIX Model A/B:





Safety Instruction and Warnings:

General:

• Avoid exposure to water, moisture, and conductive surfaces while operating.
• Handle with care to avoid mechanical or electrical damage to the circuit board and connectors.
• Only handle the board by the edges when powered on to minimize the risk of electrostatic discharge damage.

Environment:

• Operate in a well-ventilated environment, even if using a case.
• Place on a stable, flat, non-conductive surface and avoid contact with conductive items.

Connections:

• Use peripherals that comply with relevant standards for the country of use and ensure proper insulation and operation.

Additional notes:

• This summary is not exhaustive, please refer to the full User Manual for details.
• If you are unsure about any aspect of safety or operation, consult a qualified professional.

Contact Us:

DEBIX
Community Address: https://discord.com/invite/adaHHaDkH2
Email: info@polyhex.net
Website: www.debix.io