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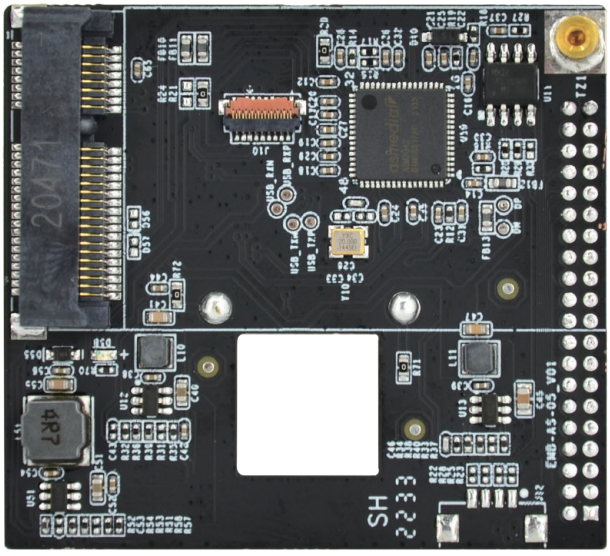
DEBIX Model A 4G Board



DEBIX Industrial Computer

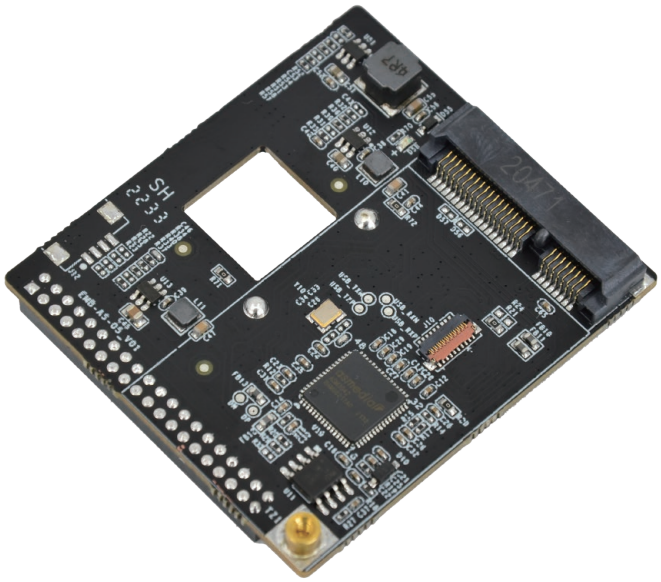
DEBIX Model A 4G Board

Overview:

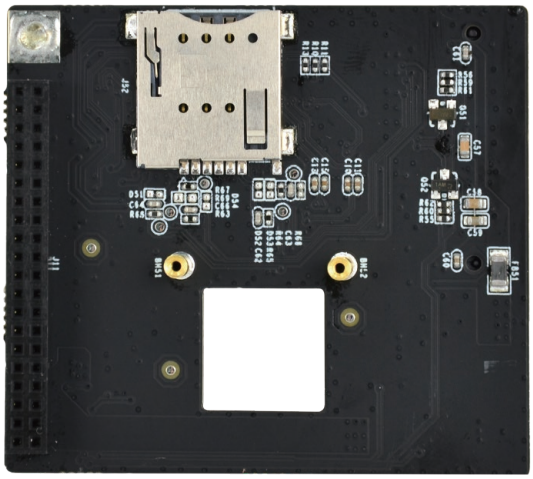
DEBIX Model A 4G Board is an add-on board for DEBIX Model A and DEBIX Model B. The main board already supports 2 x Gigabit Network, Wi-Fi and Bluetooth with the exception of 4G network, therefore, the 4G Board is designed to provide additional utility to our SBC. In a small size of 57mm x 51.3mm, it has one Mini PCIe slot for 4G module and one Micro SIM slot. It's also worth mentioning that the DEBIX 4G Board can be used in conjunction with a DEBIX Model A/B inside a DEBIX Aluminum Enclosure.

Compatibility:

Compatible with DEBIX Model A, DEBIX Model B



(Front View)

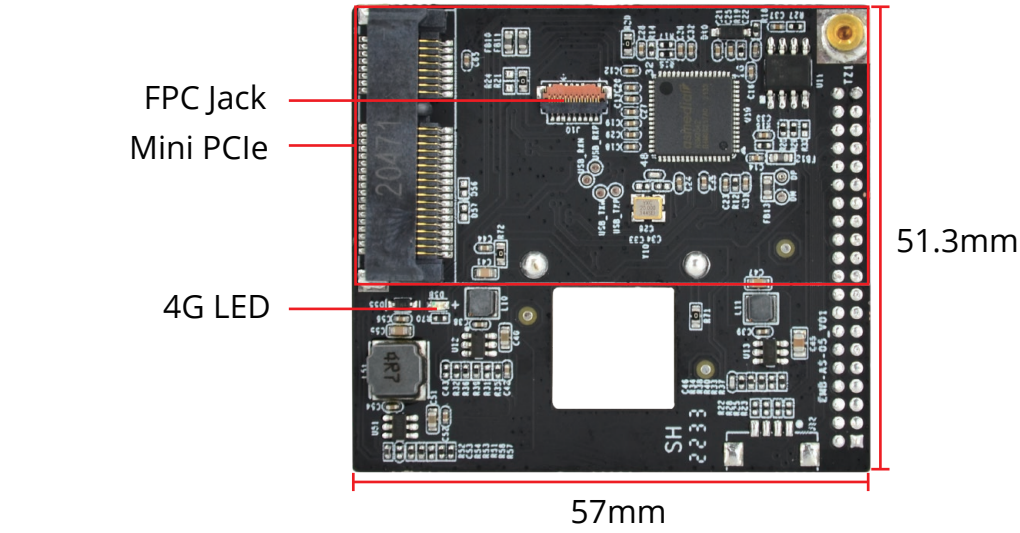


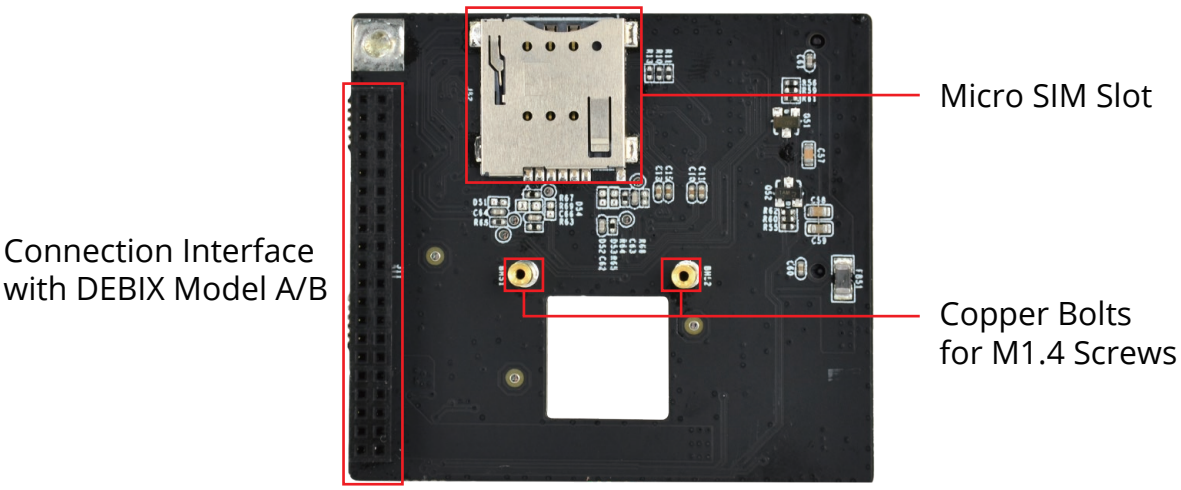
(Back View)

Specification:

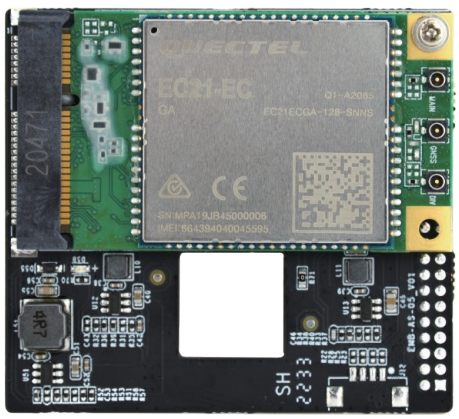
SIM Slot	1 x Micro SIM slot (push pop-up slot)
Mini PCIe	1 x Mini PCIe for 4G module, 52Pin, 5.2mm(H)
FPC Jack	1 x Flip-type FPC Jack for connection with DEBIX Model A/B, 19Pin 0.3mm pitch
LED	1 x 4G Running Indicator
Antenna	1 x 4G Antenna
Dimension	57mm(L) x 51.3mm(W) x 1.6mm(H)

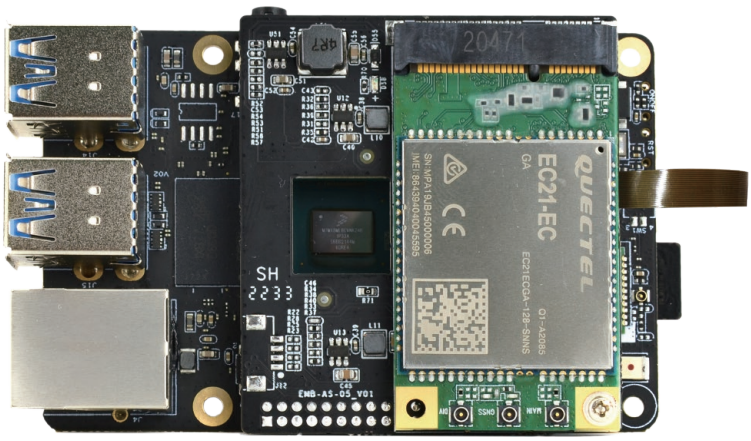
I/O Interfaces:





Connection with 4G Module and DEBIX Model A/B:





Safety Instruction:

To avoid malfunction or damage to this product please observe the following:

• Do not expose to water, moisture or place on a conductive surface whilst in operation.

• Take care while handling to avoid mechanical or electrical damage to the printed circuit board and connectors.

• Avoid handling the printed circuit board whilst it is powered and only handle by the edges to minimize the risk of electrostatic discharge damage.

Warnings:

• This product should be used with DEBIX Model A or DEBIX Model B.

• This product should be operated in a well-ventilated environment and, if used inside a case, the case should not be covered.

• This product should be placed on a stable, flat, non-conductive surface in use and should not be contacted by conductive items.

• Where peripherals are connected that do not include the cable or connector, the cable or connector must offer adequate insulation and operation in order that the relevant performance and safety requirements are met.