DC-ROMA RISC-V Mainboard Interface Overview
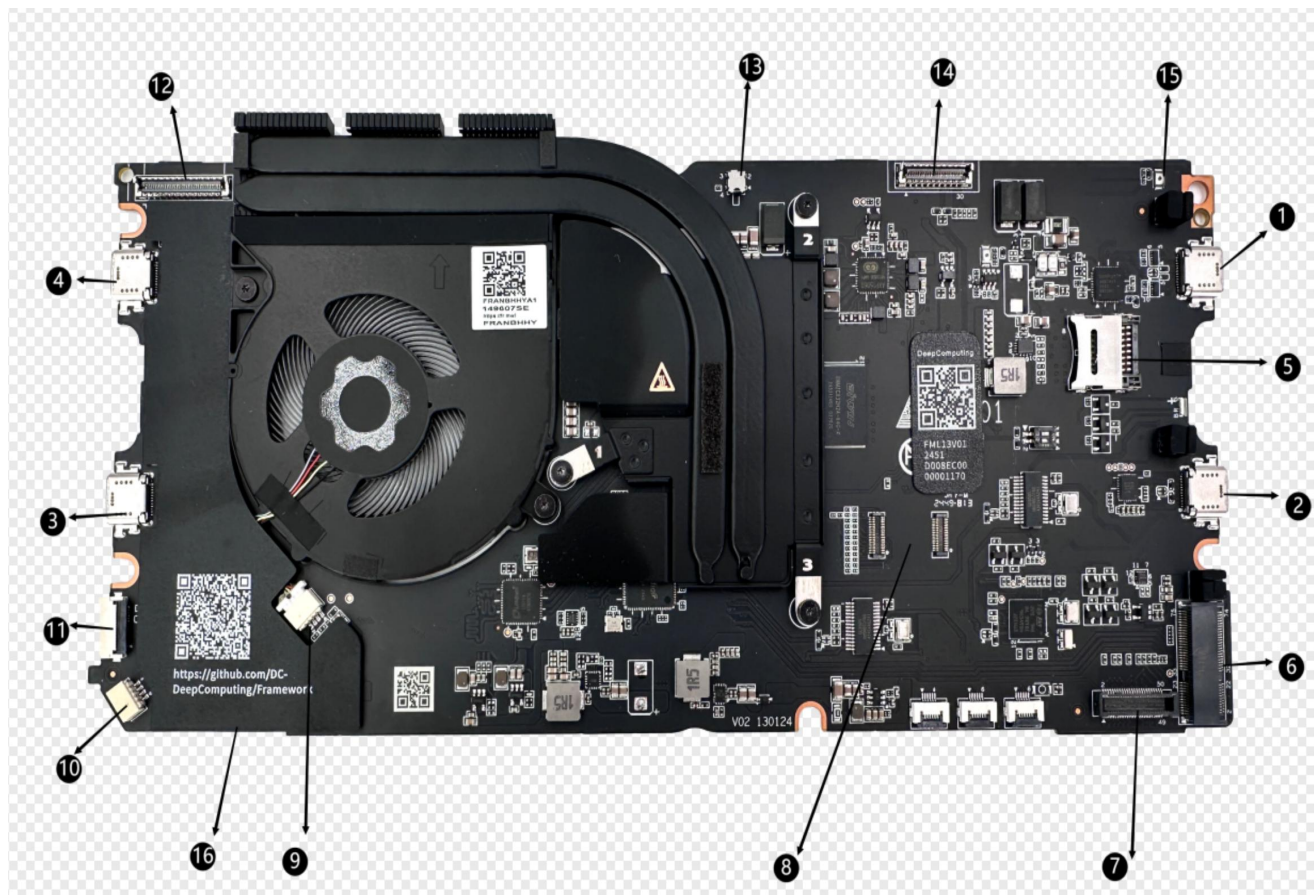
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Abstract

This document provide an overview of the functions associated with each interfaces on the DC-ROMA RISC-V Mainboard.

Diagram of DC-ROMA RISC-V Mainboard Interface:

DC-ROMA RISC-V Mainboard Port Description Table

Item	Funtion	SUPPORT
1	USB TYPE-C	PD3.0, USB3.2 GEN1, USB2.0
2	USB TYPE-C	USB3.2 GEN1, USB2.0, UART
3	USB TYPE-C	USB3.2 GEN1, USB2.0, ST LINK
4	USB TYPE-C	PD3.0, USB3.2, GEN1, USB2.0, DP1.4
5	TF CARD CONN	TF CARD
6	M.2 E-key	WIFI+BT
7	KEY&TP CONN	KEY+TP

8	EMMC CONN	EMMC 32G/64G/128G/256G
9	FAN CONN	FAN
10	SPEAKER CONN	SPEAKER
11	AUDIO BOARD CONN	AUDIO BOARD
12	EDP CONN	2.2K SCREEN
13	DETECT SWITCH	DETECT TOP COVER
14	CAMERA CONN	CAMERA+MIC
15	POWER ON/OFF SWTICH	POWER ON/OFF
16	BATTERY CONN	4S BATTERY