

製品名	Mass Storage	Networking	USB	PCI-e	Audio	Serial Ports	Other Interfaces
IW-RainboW-G40M	eMMC upto 128GB Micro SD slot (Optional)	IEEE 802.11a/b/g/n/ac Wi-Fi & BLE 5.0	1xUSB 3.0 Host 1xUSB 3.0 OTG 4xUSB 2.0	1 x PCIe1	HIFI4 Audio DSP	4*URAT	4 lane MIPI DSI x1 or LVDS0 I2C x 4 (Power Management I2C is optional) CAN FD x 2 SPI x 2 I2S x 2
IW-RainboW-G33M	eMMC Flash - 8GB (Expandable) Micro SD slot (Optional)	Gigabit Ethernet PHY Transceiver x 1 PCIe to Ethernet controller with PHY x 1	1xUSB 3.0 Host 1xUSB 3.0 OTG 4xUSB 2.0	2x PCI-e x1	I2S (Audio Interface) x 2	Debug UART Data UART (with CTS & RTS) x 1 Data UART (without CTS & RTS) x 1	MIPI CSIO (2lane) x 1 MIPI CSI1 (4lane) x 1 I2C x 4 SPI x 1 12 GPIO's Control & Status Signals
IW-RainboW-G27M	eMMC upto 256GB Micro SD slot (Optional)	Gigabit Ethernet PHY Transceiver x 2	3xUSB 3.0 Host 2xUSB 3.0 OTG 1xUSB 2.0 OTG	2x PCI-e x1	SAI/I2S (Audio Interface) x 2	Debug UART Data UART (with CTS & RTS) x 1 Data UART (without CTS & RTS) x 1	LVDS1/MIPI_DSI x 2 I2C x 1 SPI x 2 CAN x 1 GPIO, Control & Status Signals
IW-RainboW-G46M	eMMC Flash - 8GB	RGMII x 2	USB 2.0 OTG x 1 USB 2.0 HOST x 1	1 x PCIe1	I2S x 1	UART x 3 (1 is optional)	CAN x 2 SPI x 1 I2C x 2 JTAG x 1 GPIOs
IW-RainboW-G40M	eMMC Flash - 16GB	RGMII x 2	2xUSB 3.0 2xUSB 2.0	1 x PCIe1	HIFI4 Audio DSP	UART x 4 (1 is Optional)	SPI x 2 CAN x 2 I2C x 2 OSM GPIOs
IW-RainboW-G27M	eMMC Flash - 16GB Micro SD Slot (Optional)	1 x Gigabit Ethernet	3xUSB 3.0 3xUSB 2.0 1xUSB 2.0 OTG	2 x PCIe x1	I2S x 1	Data UART JTAG/Debug UART x 1	MIPI - DSI x 2 HDMI RX ENET1 x 1 I2C x 1 CAN x 2 ADC x 2
IW-RainboW-G34M/G37M-Q7	eMMC Flash - 8GB Micro SD slot (Optional) QSPI Flash (Optional)	1 x Gigabit Ethernet	4xUSB 2.0	1xPCIe x1	SAI/I2S x1	Debug UART x1	SD 3.0 x1 LVDS/HDMI x1 SPI x1 I2C x2 CAN x1 GPIOs JTAG x1
IW-RainboW-G34M/G37M	8GB eMMC Flash (Expandable) 2MB QSPI Flash (Optional) Micro SD slot	Wi-Fi 802.11a/b/g/n/ac + BLE v5.0 Gigabit Ethernet PHY Transceivers x 1	2xUSB 2.0 OTG	1x PCI-e x1	SAI/I2S x 1	Debug UART Data UART (with CTS & RTS) x 2 Data UART (without CTS & RTS) x 1	SPI x 3 PWM x 2 SPDIF x 1 I2C x 2 MIPI CSI 4 lane x 1 Channel MIPI DSI 4 lane x 1 Channel GPIOs
Q7-C25	eMMC 5.0 drive soldered on-board SD 4-bit interface QSPI Flash soldered-on-board	1 x Gigabit Ethernet interface	2xUSB 3.0 2xUSB 2.0 1xUSB 2.0 OTG	2x PCI-e x1	I2S Audio Interface	1x UART Tx/Rx/RTS/CTS 1x CAN Bus (TTL level)	CSI camera connector 2x I2C Bus SPI Interface 8 x GPIOs Power Management Signals Watchdog
SM-C12	Optional SD 4-bit interface QSPI Flash soldered-on-board eMMC 5.0 drive soldered on-board	1 x Gigabit Ethernet interface Optional WiFi + BT LE module onboard PCIe to Gigabit Ethernet PHY Transceivers x 1(Optional)	2xUSB 3.0 2xUSB 2.0 1xUSB 2.0 OTG	2x PCI-e x1	I2S Audio Interface	Up to 2x UART Tx/Rx/RTS/CTS 2x UART Tx/Rx 1x CAN Bus (TTL level)	1x 4-lanes + 1x 2-lanes CSI camera interfaces I2C Bus SM Bus Quad SPI Interface 12 x GPIOs Boot select signals Power Management Signals
μQ7-C72	eMMC 最大 64GB サポート	1*Giga LAN	5xUSB2.0(mini) 4xUSB2.0(nano)	1xPCIe(Mini)	I2S Audio interface	1xURAT 1xDebug URAT	SPI Interface watchdog 8xGPIO SMBus I2C Interface
Q7-C26	eMMC 5.1 サポート	1*Giga LAN	1xUSB3.0 4xUSB2.0a 1xUSB 2.0 OTG	2xPCIe x1	I2S Audio interface	1*URAT	LVDS 最大 1920*1080P/ HDMI/DO/eDP 最大 4096*2160 @60Hz SPI Interface watchdog 8*GPIO I2C Interface
SM-D18	eMMC 5.0 drive soldered on-board SD 4-bit interface QSPI Flash soldered-on-board	Networking : 1 x Gigabit Ethernet interface	2xUSB 3.0 2xUSB 2.0 1xUSB 2.0 OTG	1x PCI-e x1	2xI2S Audio Interface	2x UART Tx/Rx/RTS/CTS 1x CAN Bus (TTL level)	1*4 lanes CSI camera interface 1*2lanes CSI camera interface 2x I2C Bus SPI Interface 14x GPIOs Power Management Signals
SMARC-IMX8M	16GB eMMC Flash 1x SDIO	1 x GBE LAN	5 x USB2.0/3.0	2 x PCIe	2 x I2S	4 x UART	2 x CAN 5 x I2C 12 x GPIOs 2 x SPI 4 レーンおよび 2 レーン MIPI-CSI
SMARC-IMX8MM	16GB eMMC Flash 1x SDIO	1 x GBE LAN	5xUSB2.0	1 x PCIe1	2*I2S	4 x UART	2 x CAN 4 x I2C 2 x GPIOs 2 x SPI 4 LaneMIPI-CSIx1
IMX8 M-MITO M	eMMC 最大 64GB 1xSDIO	1xGiga LAN	2xUSB 3.0	2xPCIe x1	—	4 x UART	3*SAI interface 2*SPI 3*I2C GPIO
IMX8M Mini-MITO Mini	eMMC 最大 64GB 1xSDIO	1xGiga LAN	2xUSB 2.0	1 x PCIe1	—	4*URAT	2*SAI interface 2*SPI 3*I2C GPIO
ORCA SOM	eMMC NAND SLC on board 2*SDIO	2*Giga LAN	2xUSB 3.0	1 x PCIe1	—	4*URAT	2*MIPI CSI 4 lanes with 2*ISP 3*SPI 5*I2C GPIO
IMX8M Mini SOM	8GB eMMC SD PCIe-SSD	10/100/1000 Mbps 802.11 ac/a/b/g/n + BT 5.0	2xUSB 2.0	1 x PCIe1	20 channels, 32bits @384kHz, DSD512, 8 x PDM DMIC channel	2 (RTS/CTS/RX/TX) + 1 (TX/RX)	1 x MIPI-CSI2 (4 Lane) MIPI-DSI