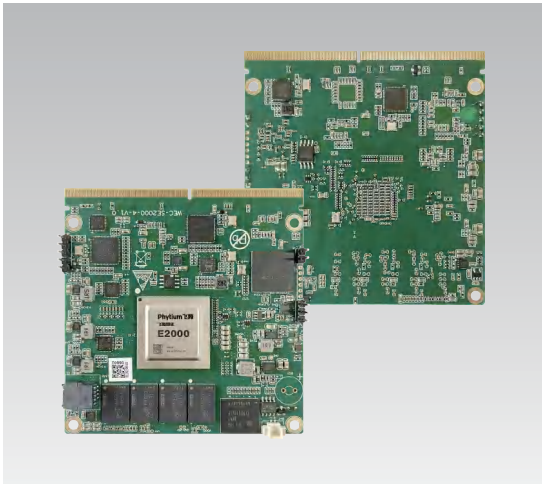




WEC-SE2000Q

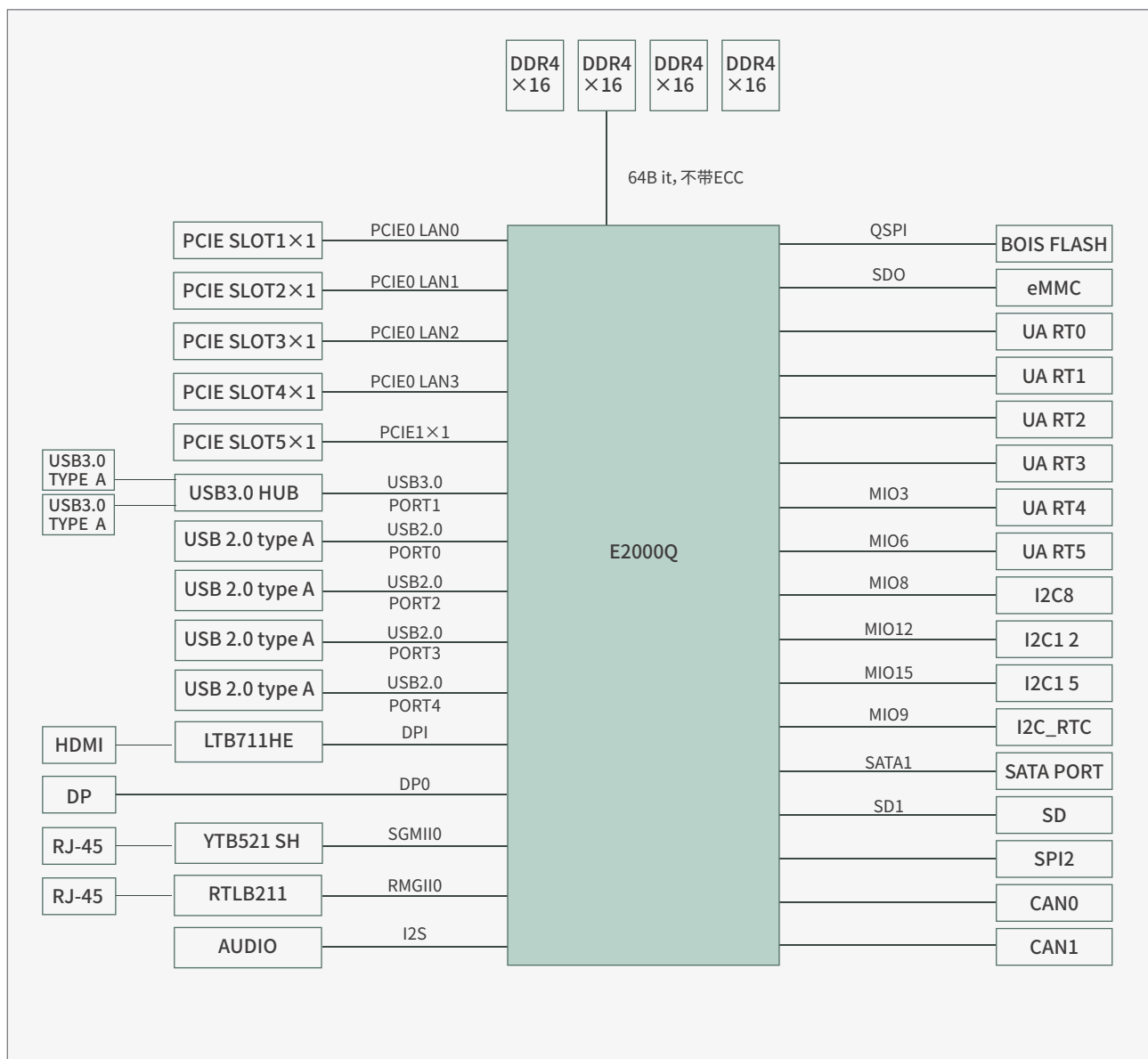
FEATURE:

- Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series
- Phytium E2000Q processor, 2×FTC664+2×FTC310
- DDR4 memory, up to 8 GB
- 2×GbE, 10/100/1000Mbps
- 2×USB 3.0, 4×USB 2.0, 6×UART, 2×CAN
- 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

Product Model	Product Model	WEC-SE2000Q
CPU	CPU	Phytium E2000Q
	Core	2×FTC664 & 2×FTC310
	Frequency	2.0GHz @FTC664, 1.50GHz @FTC310
Memory	Type	DDR4 2400MTs, Onboard Memory
	Max Capacity	8 GB
Storage	Type	eMMC 5.1
	Capacity	8/16/32/64 GB
Display	DP	1
	HDMI	1
Ethernet	LAN	2, 10/100/1000 Mbps
I/O Interface	USB	2×USB 3.0, 4×USB 2.0
	UART	6×UART, 3.3V TTL, including 1×debug
	CAN	2
	GPIO	24
	High-speed IO	33, provided by the integrated FPGA
	PCIe	4 × single-lane PCIe 3.0 (4x1, 1x4, 2x1+1x2))
	SATA	1×SATA 3.0
	SDIO	1×SATA 3.0
	I2C	3
	I2S	1
	SPI	2
Operating System	OS	Kylin, UOS, SylixOS, Free OS
Power Supply	Type	DC
	Input Voltage	12 V
Environment	Operating Temp.	Common grade: -10~60°C, Industrial grade: -40~85°C
	Storage Temp.	-40~85°C
	Operating Humi.	10- 90% @ 40°C, non-condensing
	Storage Humi.	0- 95% @ 60°C, non-condensing
Dimension	Outside Dime.	82mm × 58mm

BLOCK DIAGRAM



ORDER INFORMATION

产品型号	CPU	内存	存储	以太网	USB	UART	CAN	高速IO	GPIO	工作温度
WEC-SE2000Q	E2000Q	2/4/8GB	8/16/32/64GB	2	6	6	2	33	24	-10~60°C
WEC-SE2000QI	E2000Q	2/4/8GB	8/16/32/64GB	2	6	6	2	33	24	-40~85°C

本产品型录旨在展示研智科技产品的主要而非全部信息, 研智科技保留对产品信息的最终解释权, 并有权在必要时更新产品而不事先通知。
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