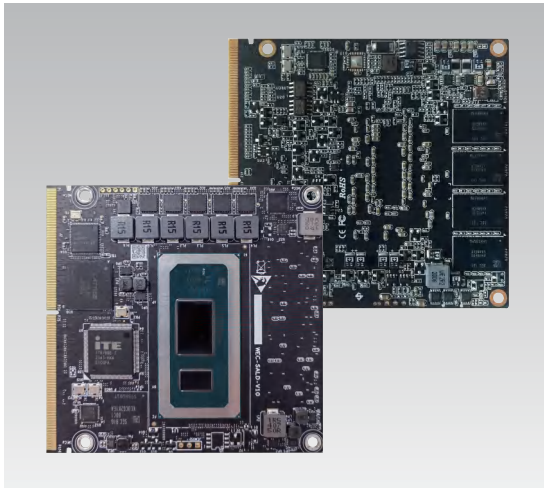




WEC-SADL

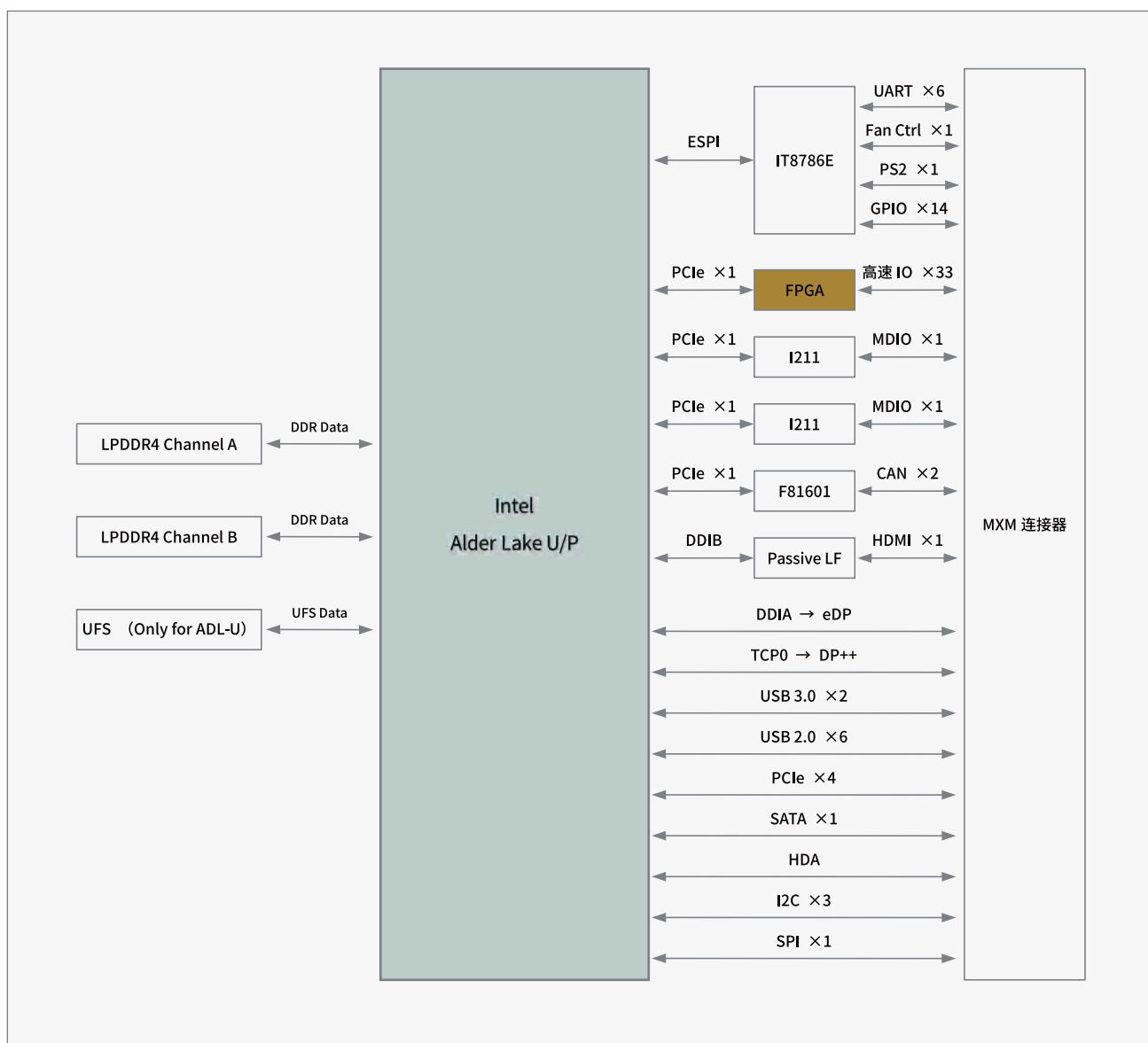
FEATURE:

- Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series
- Intel Alder Lake processor
- Up to 64 GB memory
- Display: HDMI, DP, eDP
- 2 × GbE, 6 × COM, 2 × CAN, 8 × USB, 4 × PCIe3.0, 14 × GPIO
- 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

Product Model	Product Model	WEC-S1270PE	WEC-S1265UE	WEC-S1245UE	WEC-S1215UE	WEC-S7305E
CPU	Processor	Intel i7-1270PE	Intel i7-1265UE	Intel i5-1245UE	Intel i5-1215UE	Intel 7305E
	Cores/Threads	4P+8E/16	2P+8E/12	2P+8E/12	2P+4E/8	1P+4E/5
	Max. Frequency	4.5 / 3.3 GHz	4.7 / 3.5 GHz	4.4 / 3.3 GHz	4.4 / 3.3 GHz	1.0 GHz
	Cache	18 MB	12 MB	12 MB	10 MB	8 MB
	GPU	Intel Iris Xe Graphics, 96 Units		Intel Iris Xe, 80 Units	Intel UHD, 64 Units	Intel UHD, 48 Units
BIOS		AMI UEFI BIOS				
Memory	Type	LPDDR4X, 4266 MT/s				
	Max Capacity	64 GB				
	Channel/Socket	Dual-channel / Onboard Memory				
	ECC	N/A				
Storage	UFS	1 × UFS 2.1, only for ADL-U processor				
	SATA	1 × SATA 3.0				
	NVMe	4 × single-channel PCIe 3.0 (optional)				
Display	HDMI	1 × HDMI 2.1 (Max resolution 4096 x 2304 @ 60Hz)				
	DP	1 × DP 1.4a (Max resolution 7680 x 4320 @ 60Hz)				
	eDP	1 × eDP 1.4b (Max resolution 4096 x 2304 @ 120Hz)				
Ethernet	LAN	2, 10/100/1000 Mbps, Intel I211				
IO Interface	COM	6, TTL				
	CAN	2				
	USB	2 × USB 3.0, 6 × USB 2.0				
	GPIO	14, up to 18 can be selected				
	High-speed IO	33, provided by the integrated FPGA				
	PCIe	4 × single-lane PCIe 3.0				
	SPI	1				
	I2C	2				
	SM Bus	1				
	TMP	TMP 2.0				
	Watchdog	Supported by BIOS				
	Smart Fan	System Fan + CPU Fan				
Operating System	OS	Windows 10, Windows 11, Ubuntu 20.04/22.04				
Power Supply	Type	DC				
	Input Voltage	9~18 V				
Environment	Operating Temp.	0 ~ 60 °C				
	Storage Temp.	-40 ~ 85 °C				
	Operating Humi.	10~ 95% @40°C, non-condensing				
	Storage Humi.	0~ 95% @60°C, non-condensing				
Dimension	Outside Dime.	85 mm × 82 mm				

BLOCK DIAGRAM



ORDER INFORMATION

产品型号	CPU	内存	eMMC	以太网	串口	USB	高速IO	工作温度
WEC-S1270PE-F	i7-1270PE	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	33路	0 ~ 60 °C
WEC-S1265UE-F	i7-1265UE	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	33路	0 ~ 60 °C
WEC-S1245UE-F	i5-1245UE	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	33路	0 ~ 60 °C
WEC-S1215UE-F	i5-1215UE	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	33路	0 ~ 60 °C
WEC-S7305E-F	7305E	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	33路	0 ~ 60 °C
WEC-S1270PE	i7-1270PE	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	0	0 ~ 60 °C
WEC-S1265UE	i7-1265UE	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	0	0 ~ 60 °C
WEC-S1245UE	i5-1245UE	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	0	0 ~ 60 °C
WEC-S1215UE	i5-1215UE	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	0	0 ~ 60 °C
WEC-S7305E	7305E	8/16/32/64GB	32/64/128/256GB	2路GbE	6路	6路	0	0 ~ 60 °C

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