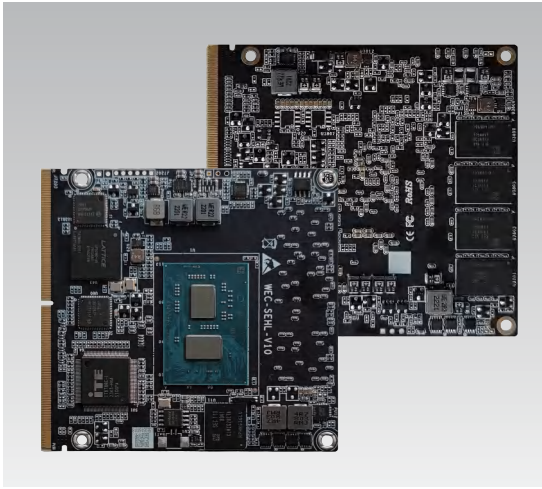




WEC-SEHL

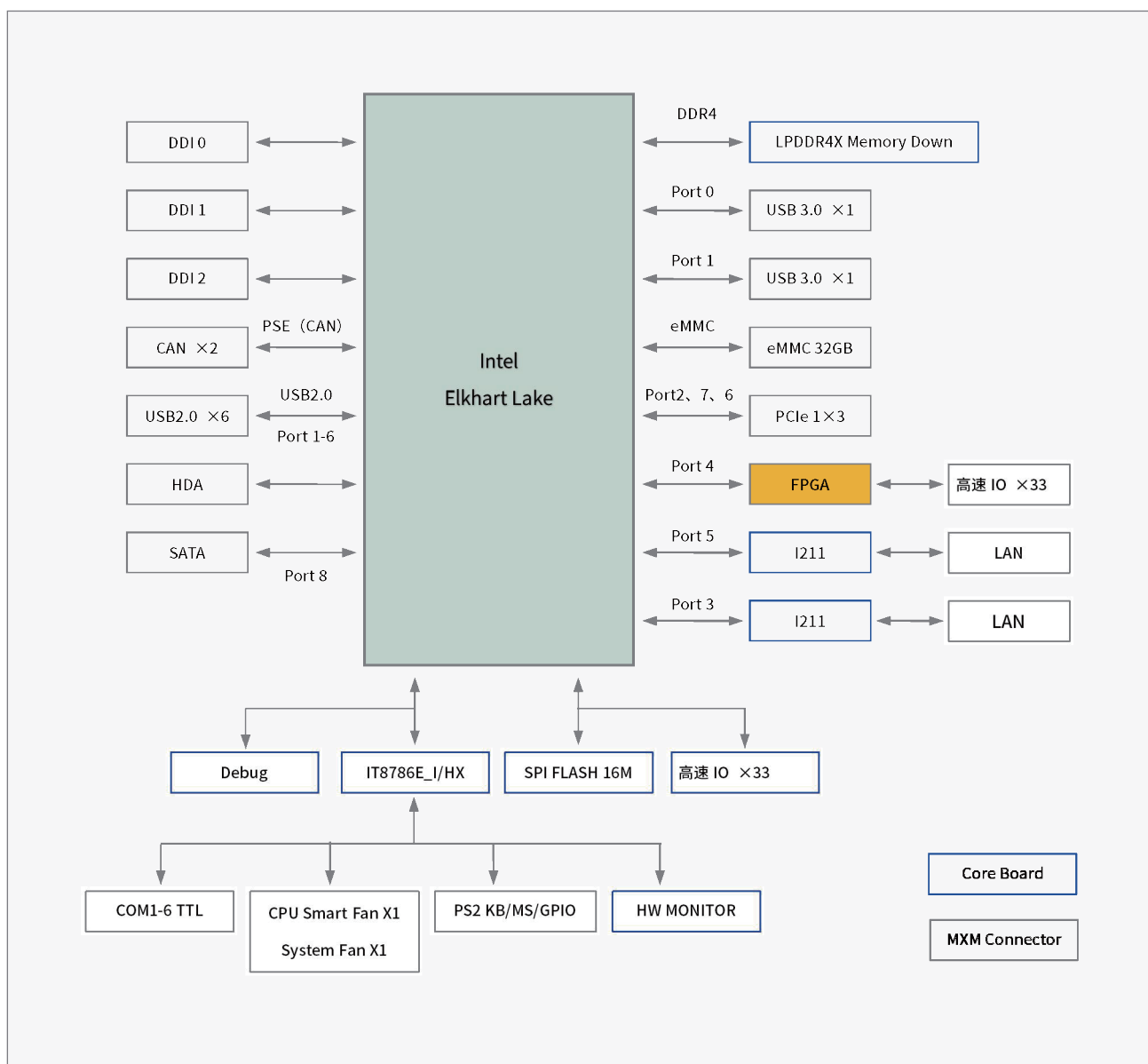
FEATURE:

- Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series
- Intel Elkhart Lake processor (J6412、J6413、J6426)
- Up to 32 GB memory
- Display: HDMI、DP
- 2 GbE, 10/100/100 Mbps
- Support COM, CAN, USB3.0, USB2.0, GPIO, PCIe etc.
- Support 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

Product Model	Product Model	WEC-SJ6412	WEC-SJ6413	WEC-SJ6426
CPU	Processor Number	Intel Celeron J6412	Intel Celeron J6413	Intel Celeron J6426
	Cores/ Threads	4/4	4/4	4/4
	Max. Frequency	2.6 GHz	3.00 GHz	3.00 GHz
	Cache	1.5 MB	1.5 MB	1.5 MB
	TDP	10 W	10 W	10 W
	BIOS	AMIOUEFIBIOS		
Memory	Type	DDR4, 3200 MHz		
	Max Capacity	32GB		
	Channel/Socket	Dual-channel / Onboard Memory		
	ECC	N/A		
Storage	eMMC	eMMC 5.1, 8/16/32/64/128 GB		
	SATA	1 × SATA 3.0		
GPU	Controller	Intel UHD Graphics for 10th Gen. Intel Processors		
	Max. Frequency	800 MHz		
Display	HDMI	1, Max resolution 4096×2304 @60Hz		
	DP	1, Max resolution 4096×2304 @60Hz		
	eDP	1, Max resolution 4096×2304 @60Hz		
Ethernet	LAN	2, 10/100/1000 Mbps, Intel I211		
IO Interface	USB	2×USB 3.0, 5×USB 2.0		
	UART	6		
	GPIO	18		
	High-speed IO	33, provided by the integrated FPGA		
	PCIe	3 × single-lane PCIe 3.0		
	SM	1		
	I2C	2		
	SPI	1		
	Smart Fan	System FAN (optional)		
	Watchdog	Supported by BIOS		
Operating System	OS	Windows 10/11, Ubuntu		
Power Supply	Type	DC		
	Input Voltage	12~24 V		
Environment	Operating Temp.	-10 ~ 60 °C		
	Storage Temp.	-40 ~ 85 °C		
	Operating Humi.	10-95% @40°C, non-condensing		
	Storage Humi.	0-95% @60°C, non-condensing		
Dimensions	Outside Dime.	85mm×82mm		

BLOCK DIAGRAM



ORDER INFORMATION

产品型号	CPU	内存	eMMC	以太网	串口	USB	工作温度
WEC-SJ6412	Intel赛扬J6412	8/16GB	32 / 64 / 128GB	2路GbE	6路	8路	0 ~ 60 °C
WEC-SJ6413	Intel赛扬J6413	8/16GB	32 / 64 / 128GB	2路GbE	6路	8路	0 ~ 60 °C
WEC-SJ6426	Intel赛扬J6426	8/16GB	32 / 64 / 128GB	2路GbE	6路	8路	0 ~ 60 °C

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