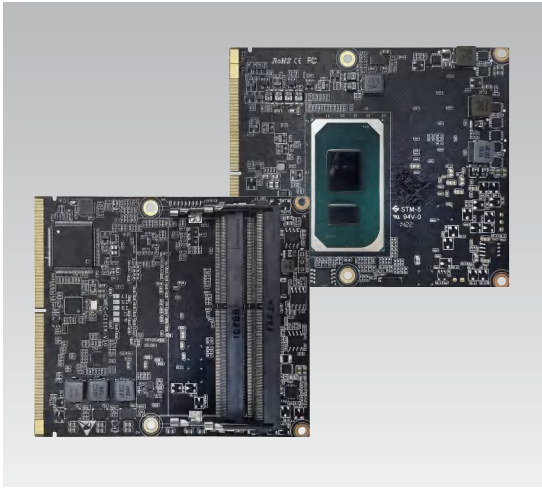




WEC-CTGL

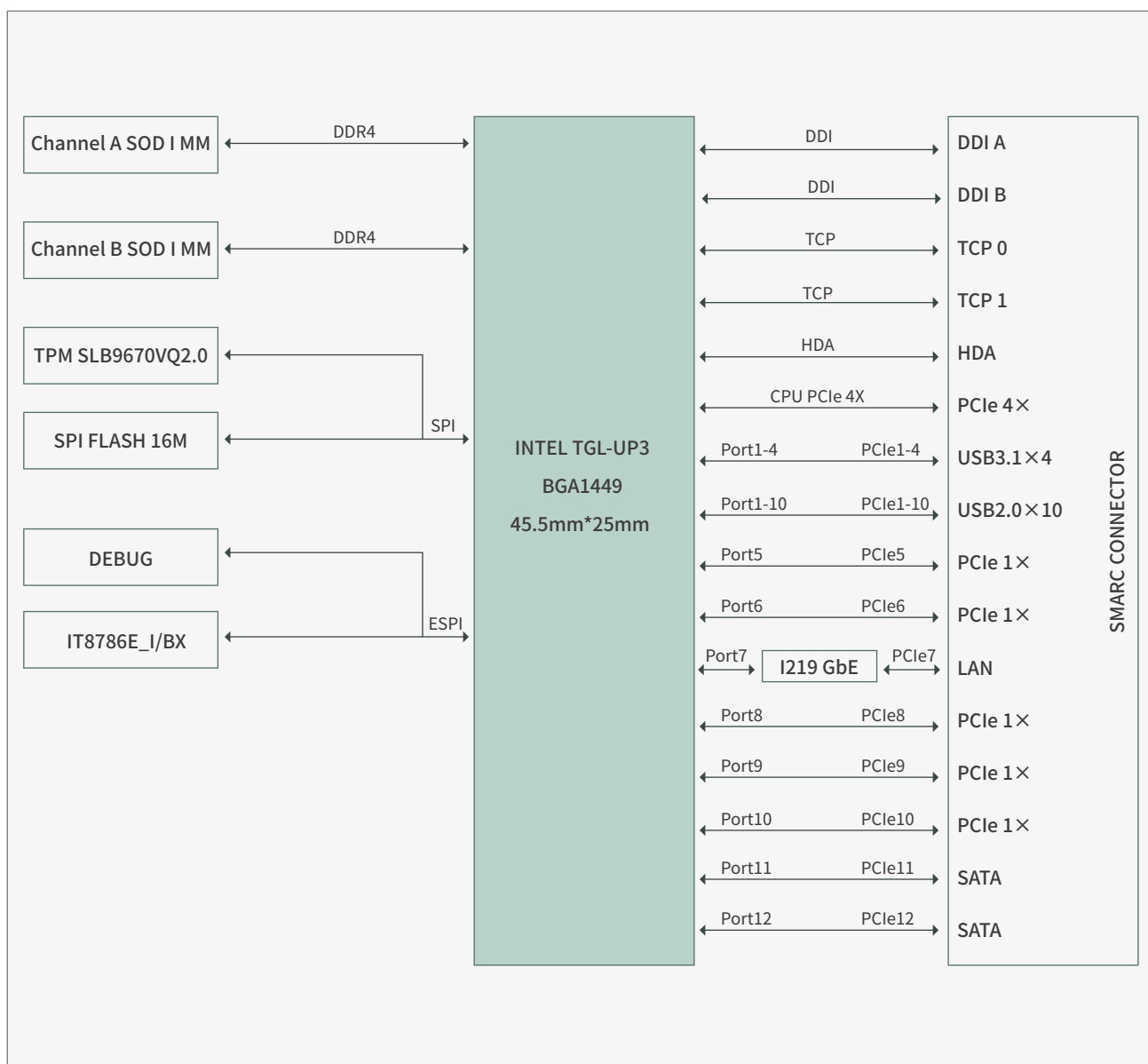
FEATURE:

- Compatible with the WEC-CEHL series core board
- Intel Tiger Lake processor
- DDR4 memory, 2×2-channel SO-DIMM sockets, up to 64 GB
- 1×GbE, 10/100/1000Mbps
- 4×USB 3.0, 10×USB 2.0, 6×UART, 10×GPIO
- Display: HDMI, eDP
- 5×1-lane PCIe 3.0, 1× 4-lane PCIe 4.0

SPECIFICATION

Product Model	Product Model	WEC-C6305E	WEC-C1115	WEC-C1115E	WEC-C1125	WEC-C1135	WEC-C1165
CPU	CPU	6305E	i3-1115G4	i3-1115G4E	i3-1125G4	i5-1135G7	i7-1165G7
	Cores/ Threads	2/2	2/4	2/4	4/8	4/8	4/8
	Max. Frequency	1.80GHz	4.10GHz	3.9GHz	3.70 GHz	4.20GHz	4.7GHz
	LLC	4 MB	6 MB	6 MB	8 MB	8 MB	12 MB
	GPU	Intel UHD Graphics				Intel Iris Xe Graphics	
	TDP	15W	28W	28W	28W	28W	28W
	BIOS	AMI UEFI BIOS					
Memory	Type	DDR4, 3200 MHz					
	Max Capacity	64GB					
	Channel/Socket	2× dual-channel SO-DIMM slots					
	ECC	N/A					
Storage	SATA	2 × SATA 3.0					
	NVMe	Support					
Display	eDP	1, Max resolution 4096 x 2304 @ 60Hz					
	HDMI	1, Max resolution 4096 x 2304 @ 60Hz					
Ethernet	LAN	1, 10/100/1000 Mbps, Intel I219					
IO Interface	USB	4×USB 3.0, 10×USB 2.0					
	UART	6, 4× 2-wire / 2×8-wire					
	SATA	2× SATA 3.0					
	GPIO	10					
	PCIe	5 × single-lane PCIe 3.0, 1× 4-lane PCIe 4.0 (Excluding WEC-C6305E)					
	Audio	1, Intel HD audio interface					
	SM	1					
	SPI	1					
	Smart Fan	System FAN (optional)					
	Watchdog	Supported by BIOS					
Operating System	OS	Windows 10/11, Ubuntu					
Power Supply	Type	DC					
	Input Voltage	9~12V					
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					
Dimension	Outside Dime.	95mm×82mm					

BLOCK DIAGRAM



ORDER INFORMATION

产品型号	CPU	内存	以太网	USB	UART	GPIO	PCle3.0	SATA	工作温度
WEC-C6305E	6305E	2路双通道SO-DIMM插槽	1	14	6	10	5	2	-10 ~ 60 °C
WEC-C1115	I3-1115G4	2路双通道SO-DIMM插槽	1	14	6	10	5	2	-10 ~ 60 °C
WEC-C1115E	I3-1115G4E	2路双通道SO-DIMM插槽	1	14	6	10	5	2	-10 ~ 60 °C
WEC-C1125	I3-1125G4	2路双通道SO-DIMM插槽	1	14	6	10	5	2	-10 ~ 60 °C
WEC-C1135	I5-1135G7	2路双通道SO-DIMM插槽	1	14	6	10	5	2	-10 ~ 60 °C
WEC-C1165	I7-1165G7	2路双通道SO-DIMM插槽	1	14	6	10	5	2	-10 ~ 60 °C

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