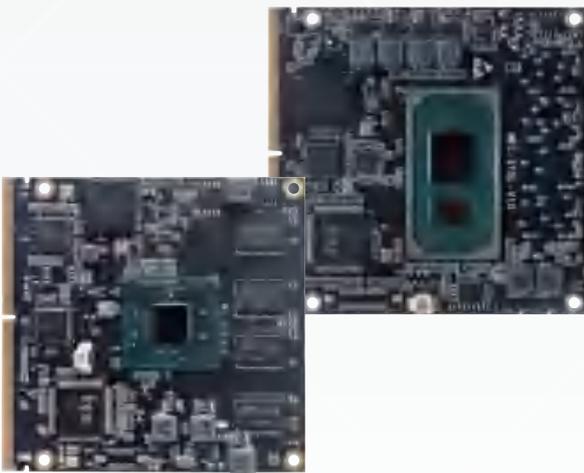# Yanzhi Technology

Product Catalog

About Yanzhi Tech.

Hangzhou Yanzhi Technology Co., Ltd. is a well-known technology development company in the field of industrial control in China. It has established the Intelligent Control System Research Center in Hangzhou.

Yanzhi Technology has developed mature solutions based on ARM, x86, FPGA, DSP, AI chips, etc., providing technical support for multiple fields such as industrial control, Internet of Things and artificial intelligence. The company's products include: industrial motherboards, industrial computers, industrial tablet computers, motion controllers, PLCs, Internet of Things gateways, AI-BOXs, etc.

The company's products are widely applied in fields such as industrial automation and control, artificial intelligence, the Internet of Things, industrial Internet of Things, intelligent manufacturing, visual AI, machine vision, smart cities, smart factories, smart agriculture, smart transportation, smart healthcare, smart tourism, and smart security.
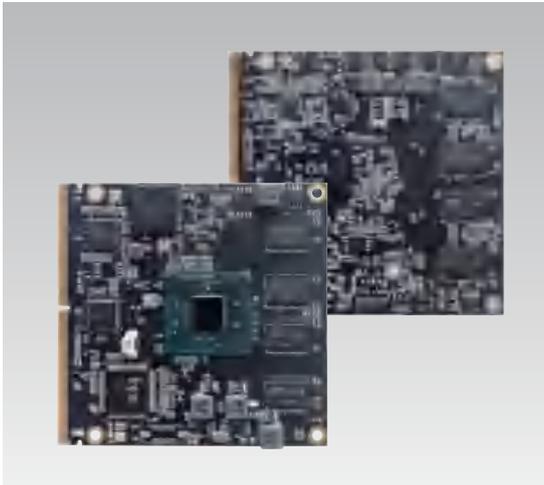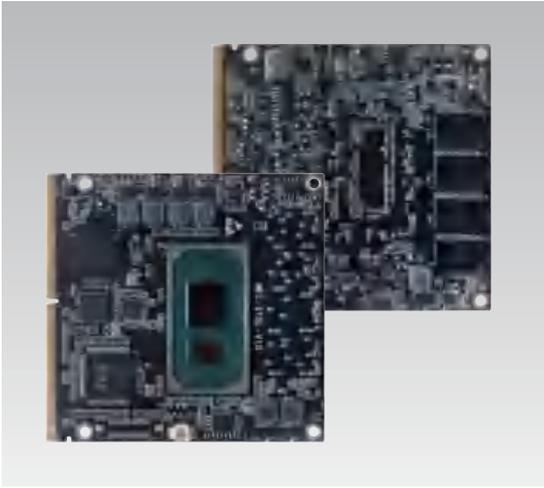
WEC-SBTR

FEATURE：

◑ Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series

◑ Intel Celeron J1900 processor, 2.0 GHz

◑ Up to 8GB of memory

◑ 2 Gigabit network ports, 10/100/1000 Mbps

◑ Support COM, CAN, USB, GPIO, PCIe etc.

◑ Support 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

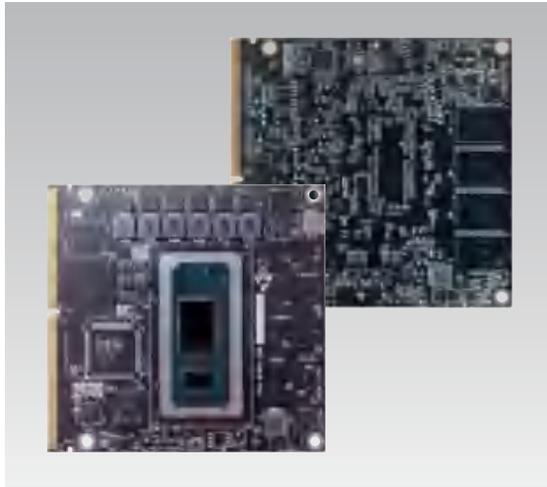| Product Model	Product Model	WEC-SJ1900	WEC-SJ1800	WEC-SE3845
CPU	Processor Numbe	Intel Celeron J1900	Intel Celeron J1800	Intel Atom E3845
	Cores/ Threads	4/4	2/2	4/4
	Max. Frequency	2.42GHz	2.58 GHz	1.91 GHz
	Cache	2 MB	1MB	2 MB
	TDP	10W	10W	10W
	BIOS	AMI UEFI BIOS		
Memory	Type	DDR3L 1333 MHz		
	Max Capacity	8GB		
	Channel/Socket	Dual-channel / Onboard Memory		
	ECC	N/A		
Storage	eMMC	8/16/32GB		
GPU	Controller	Intel HD Graphics for Intel Atom Processor Z3700 Series		
	Max. Frequency	792 MHz	854 MHz	792 MHz
Display	DP	1，Max resolution 1920×1200 @ 60Hz		
	HDMI	1，Max resolution 1920×1200 @ 60Hz		
Ethernet	LAN	2，10/100/1000 Mbps，Intel I211		
IO Interface	USB	1×USB 3.0，3×USB2.0		
	COM	6		
	SM Bus	1		
	CAN	2		
	GPIO	16		
	High-speed IO	33，provided by the integrated FPGA		
	PCIe	3 × single-lane PCIe 2.0		
	SATA	1		
	音频	1，Intel HD audio interface		
	SPI	1		
	TPM	TPM2.0		
	Watchdog	BIOS Support		
	Smart Fan	System FAN（optional）		
Operating System	OS	Windows 7, Linux		
Power Supply	Type	DC		
	Input Voltage	9-12 V		
Environment	Operating Temp.	0 ~ 60 ℃		
	Storage Temp.	-40 ~ 85 ℃		
	Operating Humi.	10- 90% @ 40℃，non-condensing		
	Storage Humi.	0- 95% @ 60℃，non-condensing		
Dimensions	Outside Dime.	82mm×85mm		

WEC-STGL

FEATURE：

◗ Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series

◗ Intel Tiger Lake processor

◗ Up to 32GB memory

◗ 2×GbE，10/100/1000Mbps

◗ 3×USB 3.0, 4×USB 2.0，6×COM, 1×GPIO, 2×CAN

◗ 2×PCIe 2.0, 4×PCIe 3.0

◗ Support 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

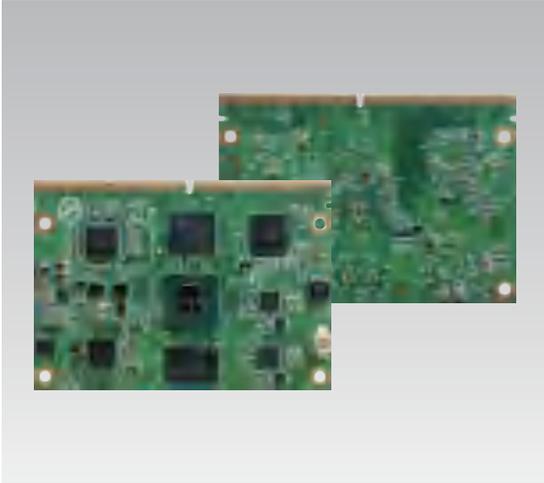| Product Model	Product Model	WEC-S6305E	WEC-S1115	WEC-S1125	WEC-S1135	WEC-S1165
CPU	Processor Number	6305E	I3-1115G4	I3-1125G4	I5-1135G7	I7-1165G7
	Cores/ Threads	2/2	2/4	4/8	4/8	4/8
	Max. Frequency	1.80GHz	4.10GHz	3.70 GHz	4.20GHz	4.7GHz
	Cache	4MB	6MB	8MB	8MB	12MB
	TDP	15W	28W	28W	28W	28W
	BIOS	AMI UEFI BIOS				
Memory	Type	LPDDR4X 4266MT/s				
	Max Capacity	64GB				
	Channel/Socket	Dual-channel / Onboard Memory				
	ECC	N/A				
Storage	eMMC	eMMC 5.1，8/16/32/64/128GB				
	SATA	1× SATA 3.0				
GPU	Controller	Intel UHD Graphics			Intel Iris Xe Graphics	
	Max. Frequency	1.25GHz			1.3GHz	
Display	eDP	1，Max Resolution 4096×2304 @60Hz				
	HDMI	1，Max Resolution 4096×2304 @60Hz				
Ethernet	LAN	2，10/100/1000 Mbps，Intel I211				
IO Interface	USB	2×USB 3.0，4×USB 2.0				
	COM	6				
	CAN	2				
	GPIO	16				
	High-speed IO	33，provided by the integrated FPGA				
	PCIe	4 × single-lane PCIe 3.0				
	I2C	1				
	I2S	1				
	SPI	1，audio				
	TPM	TPM2.0				
	SM	1				
	Watchdog	Supported by BIOS				
	Smart Fan	System FAN（optional）				
Operating System	OS	Windows 10/11，Linux，Ubuntu				
Power Supply	Type	DC				
	Input Voltage	9-12V				
Environment	Operating Temp.	0～60℃				
	Storage Temp.	-40～85℃				
	Operating Humi.	10-95%@40℃，non-condensing				
	Storage Humi.	0-95%@60℃，non-condensing				
Dimensions	Outside Dime.	85mm×82mm				

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

◑ Dispaly: 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

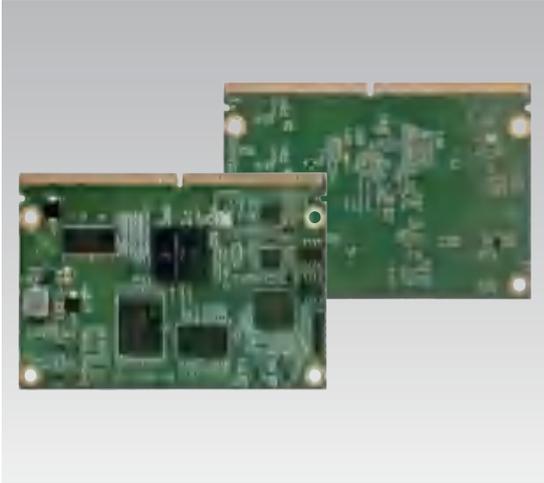| Product Model	Product Model	WEC-S1270PE	WEC-S1265UE	WEC-S1245UE	WEC-S1215UE	WEC-S7305E
CPU	Processor	Intel i7-1270PE	Intel i7-1265UE	Intel i5-1245UE	Intel i5-1215UE	Intel 7305E
	Cores/Threads	4P+8E/16	2P+8E/12	2P+8E/12	2P+4E/8	1P+4E/5
	Max. Frequency	4.5 /3.3 GHz	4.7/3.5 GHz	4.4 / 3.3 GHz	4.4 /3.3 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，Windows11，Ubuntu 20.04/22.04				
Power Supply	Type	DC				
	Input Voltage	9~18 V				
Environment	Operating Temp.	0 ~ 60 ℃				
	Storage Temp.	-40 ~ 85 ℃				
	Operating Humi.	10~ 95% @40℃，non-condensing				
	Storage Humi.	0~ 95% @60℃，non-condensing				
Dimension	Outside Dime.	85 mm×82 mm				

WEC-SMX8MP

FEATURE：

◖ Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series

◖ NXP i.MX 8M Plus，4×ARM Cortex-A53+Cortex-M7

◖ LPDDR4 memory，up to 8 GB

◖ 2×GbE, 10/100/1000Mbps

◖ 2×USB 3.0，4×UART，2×CAN，30×GPIO

◖ 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

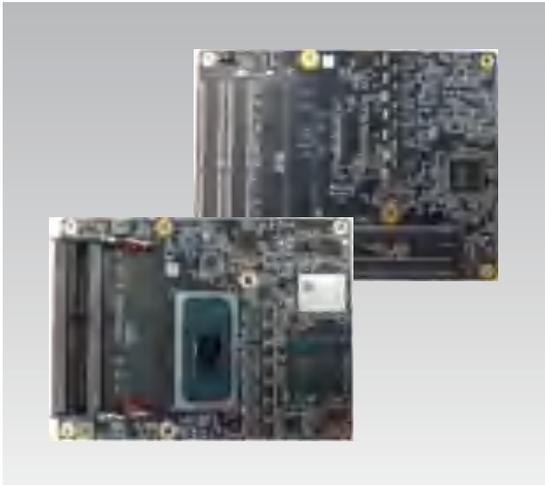| Product Model	Product Model	WEC-SMX8MP
CPU	CPU Model	NXP i.MX 8M Plus
	Core	4×ARM Cortex-A53 & 1×ARM Cortex-M7
	Frequency	1.60 GHz
Memory	Type	LPDDR4L，3200MT/s，Onboard Memory
	Max Capacity	8 GB
Storage	Type	eMMC 5.1
	Capacity	8/16/32/64 GB
Display	HDMI	1×HDMI 2.0a
	LVDS	2×LVDS，4/8 channel
	MIPI-DSI	1×4-channel MIPI-DSI
Ethernet	LAN	2，10/100/1000 Mbps，YT8511
I/O Interface	USB	2×USB 3.0，including 1 boot
	UART	4，TTL，UART3 cannot be used together with SPI, including 1-channel of debug
	CAN	2
	GPIO	30
	High-speed IO	33，provided by the integrated FPGA
	PCIe	1 × single-lane PCIe 2.0
	SPI	1，cannot be used together with UART
	PWM	3
	I2C	3
	I2S	1
	SD	1
Operating System	OS	Android、Linux、FreeRT OS
Power Supply	Type	DC
	Input Voltage	9-24 V
Environment	Operating Temp.	Common grade：-10～60℃，Industrial grade：-40～85℃
	Storage Temp.	-40～85℃
	Operating Humi.	10- 90% @ 40℃，non-condensing
	Storage Humi.	0- 95% @ 60℃，non-condensing
Dimension	Outside Dime.	82mm×58mm

WEC-SMX6UL

FEATURE：

◑ Belong to the "Sprite" series core-board, featuring excellent compatibility and being compatible with other core boards of the Sprite series

◑ NXP i. MX 6ULL，ARM Cortex-A7

◑ DDR3L memory，512 MB. eMMC、SD storage

◑ 2×FE, 10/100Mbps

◑ 2×USB 2.0, 6×UART, 2×CAN, 19× GPIO

◑ 33 high-speed I/Os, provided by the integrated FPGA

SPECIFICATION

Product Model	Product Model	WEC-SMX6UL
CPU	CPU Model	NXP i.MX 6ULL，MCIMX6Y2CVM08AB
	Core	ARM Cortex-A7
	Frequency	800MHz
	LLC	L2 Cache 128 KB
	CPU TDP	4W
Memory	Type	DDR3L，Onboard Memory
	Max Capacity	512 MB
Storage	eMMC	4/8 GB
	SD Card	1× SD card slot
Display	LVDS	1× single-channel 4-wire 18/24-bit LVDS, Resolution：1366×768
Ethernet	LAN	2，10/100/1000 Mbps，RTL8201F
I/O Interface	USB	2×USB 2.0
	UART	6
	CAN	2
	GPIO	19
	High-speed IO	33，provided by the integrated FPGA
	SPI	1
	PWM	2
	I2C	1
	I2S	1
	SD	1
Operating System	OS	Linux
Power Supply	Type	DC
	Input Voltage	9-24 V
Environment	Operating Temp.	Common grade：-10～60℃，Industrial grade：-40～85℃
	Storage Temp.	-40～85℃
	Operating Humi.	10- 90% @ 40℃，non-condensing
	Storage Humi.	0- 95% @ 60℃，non-condensing
Dimension	Outside Dime.	82mm×58mm

COME-TGLH

FEATURE：

◑ Intel Tiger Lake seiral processor, including Core & Xeon

◑ DDR4 memory, up to 128 GB

◑ Intel 2.5GbE LAN

◑ Display：VGA，LCD，DDI

◑ 4×USB 3.2 Gen. 2，8×USB 2.0

◑ 2×COM，8×GPIO

◑ 1×I2C, 1×SPI

◑ 1×16-lane PCIe 4.0，8×sinlel-lane PCIe 3.0
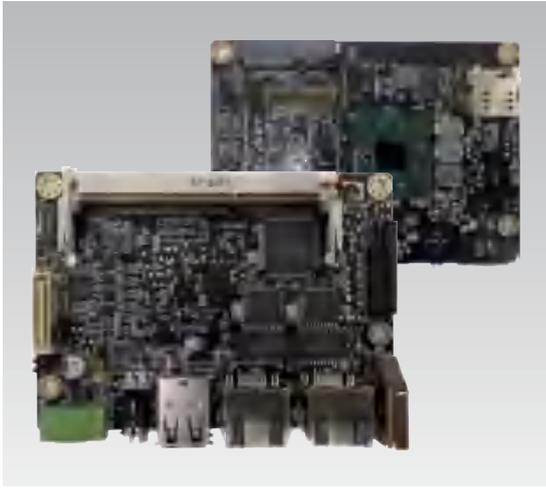
SPECIFICATION

| Product Model	Product Model	COMe-11850HE	COMe-11500HE	COMe-11100HE	COMe-6600HE	COMe-11865MRE	COMe-11865MLE
CPU	Processor Numbe	i7-11850HE	i5-11500HE	i3-11100HE	6600HE	W-11865MRE	W-11865MLE
	Cores/ Threads	8/16	6/12	4/8	2/2	8/16	8/16
	Max. Frequency	4.7 GHz	4.5 GHz	4.4 GHz	2.6 GHz	4.7 GHz	4.5 GHz
	Cache	24 MB	12 MB	8 MB	8 MB	24 MB	24 MB
	TDP	45 W	45 W	45 W	35 W	45 W	25 W
	Chipset	QM580E	QM580E	QM580E	QM580E	RM590E	RM590E
	BIOS	AMI UEFI 256Mbit					
Memory	Type	DDR4，3200MHz					
	Max Capacity	128 GB					
	Channel	Dual-channel					
	Socket	Up to 4 × SO-DIMM，2 on the top (default)					
	ECC	Support					
Display	VGA	1，1920×1200 @ 60Hz					
	LCD	LVDS，2-channels，1920 ×1200 @ 60Hz. Optional as eDP，4096 × 2304 @ 60Hz, 24bpp					
	DDI	3 ×DDI，support configuration as HDMI/DP/DVI， HDMI: 4096 × 2160 @ 24Hz，DVI: 1920 × 1200 @ 60Hz，DP: 4096 × 2304 @ 60Hz					
Ethernet	LAN	Intel 2.5GbE LAN （i225 or i226）					
IO Interface	USB	4×USB 3.2 Gen. 2，8×USB 2.0					
	COM	2					
	GPIO	8					
	SATA	4 × SATA 3.0					
	PCIe	1 × 16-lane PCIe 4.0（configurable to ×16，×8，×4），8 × sinlel-lane PCIe 3.0（configurable to ×4，×2）					
	SM	1, SM Bus 2.0					
	I2C	1					
	SPI	1					
	Audio	Intel HD Audio					
	LPC	1					
	TMP	TPM2.0 (optional)					
	Smart Fan	Support					
	Watchdog	Supported by BIOS					
Operating System	OS	Windows 10/11，Ubuntu					
Power Supply	Type	ATX: Vin, VSB; AT: Vin					
	Input Voltage	Vin: 9 ~ 18 V; VSB: 4.75 ~ 5.25 V; RTC Battery: 2.0 ~ 3.3 V					
Environment	Operating Temp.	0 ~ 60 ℃					
	Storage Temp.	-40 ~ 85 ℃					
	Operating Humi.	10-95% @40℃，non-condensing					
	Storage Humi.	0-95% @60℃，non-condensing					
Dimensions	Outside Dime.	125 mm × 95 mm					

WED-2BTR

FEATURE：

◑ Intel Bay Trial J1900

◑ ntel HD Graphics for Intel Atom Processor Z3700 Series GPU

◑ 1×SO-DIMM Socket，up to 8 GB DDR3L memory

◑ Display HDMI, eDP, VGA

◑ 6×COM, 16×GPIO

◑ 1×USB 3.0, 1×USB 2.0

◑ 2 ×1-lane PCIe 2.0

◑ Compact design, with a small size

SPECIFICATION

Product Model	Product Model	WED-2J1900
CPU	CPU	Intel Celeron J1900
	Frequency	2.00 GHz，up to 2.42 GHz
	Core/Thread	4/4
	GPU	Intel HD Graphics for Intel Atom Processor Z3700 Series, 854 MHz
	LLC	2 MB
	CPU TDP	10W
	BIOS	AMI Legacy BIOS (Support Watchdog Timer)
内存	Type	DDR3L，1333 MHz
	Max Memory	2/4/8GB
	Socket	1×SO-DIMM socket
	ECC	N/A
Storag	M.2	1×M.2 2242 SATA
显示	eDP	1×eDP（Expanded）
	HDMI	1×HDMI
	VGA	1×VGA（Expanded）
Net	Ethernet	2×LAN, I211AT，10/100/1000 Mbps
	4G/5G	Support 4G，1×mPCIe interface supportUSB2.0 4G module，with1 nano-SIM card slot
I/O	USB	1×USB 3.0，1×USB 2.0，Type A；1×USB 2.0（build in）
	COM	6×COM（TTL），can be expand to TTL_GPIO
	SPI 总线	1
	SIM card	1 nano-SIM card slot
	Watchdog	BIOS support
	mPCIe	1×mini PCIe，USB2.0 signal，support 4G module，with a nano-SIMcard slot
	Connector 01	60 pin Connector（TTL_GPIO） 6×COM（TTL），16×GPIO，1×USB2.0，1×SW signal，1×Power LED signal，1×RST signal，1×3.3V/5V
	Connector 02	40 pin Connector（PCIE_TPM） 2×1-lane PCIe，1×TPM，1×SATA 3.0，HDD LED signal，3.3V/5V/12V
Operating System	系统	Windows 7, Linux
Power Supply	Type	DC, With overcurrent, overvoltage and reverse connection protection functions
	Input Voltage	12 V
Environment	Operating Temp.	0 ~ 60℃
	Storage Temp.	-40 ~ 85℃
	Operating Humi.	0 ~ 90% @ 40℃, non-condensing
	Storage Humi.	0- 95% @ 60℃, non-condensing
Dimensions	Outline Dime.	100 mm×72 mm
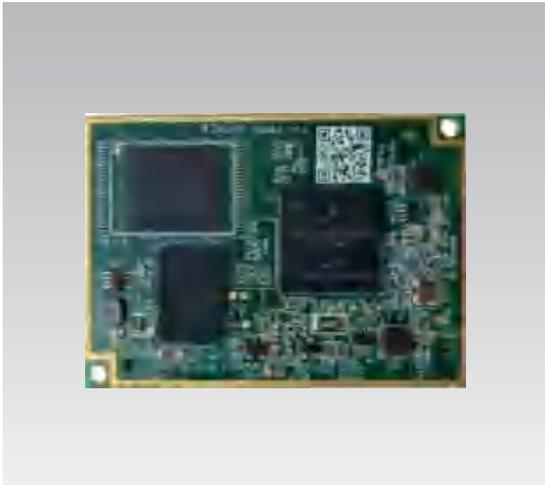
WEC-MX6UD

FEATURE：

◑ NXP i.MX 6UL/ULL Processor, ARM Cortex-A7, up to 900 MHz

◑ DDR3/DDR3L memory, up to 1 GB

◑ 2×MII/RMII, 10/100 Mbps

◑ 2×USB 2.0

◑ 8×UART，2×CAN

◑ 3×I2S, 4×I2C

◑ Support WinCE, Liunx OS

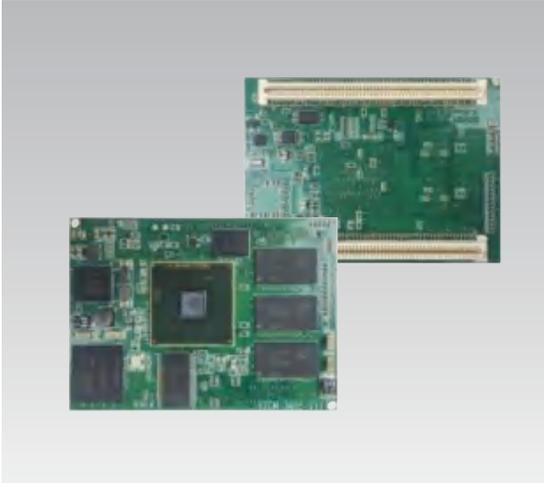◑ Support industrial-grade wide temperature range (-40~85℃)

SPECIFICATION

Product Model	Product Model	WEC-MX6UD
CPU	CPU modle	NXP i.MX 6ULL/6UL
	Core	ARM Cortex-A7，6ULL @ 900 MHz, 6UL @ 696 MHz
Memory	Type	DDR3/DDR3L，Onboard Memory
	Capacity	512 MB
Storage	Type	eMMC 4.5
	Capacity	1/2/4 GB
Display	LCD	LCD (RGB)，24 bit, max. resolution 1366×768
Ethernet	LAN	2 × MII/RMII，10/100 Mbps
I/O Interface	USB	2 × USB 2.0
	UART	8
	CAN	2
	I2C	4
	I2S	3
	SPI	4
	SDIO	2
	PWM	8
	ADC	2, 12 bit
	MIPI CSI	1
Power Supply	Type	DC
	Input Voltage	5 V
Environment	Operating Temp.	Common grade：-10～60℃，Industrial grade：-40～85℃
	Storage Tempe.	-40～85℃
	Operating Humi.	10- 90% @ 40℃，non-condensing
	Storage Humi.	0- 95% @ 60℃，non-condensing
Operating System	OS	Linux，Ubuntu, WinCE
Dimension	Outside Dime.	55×38 mm

WEC-1021D

FEATURE：

- NXP LS1020D/1021D/1022D, 2×ARM Cortex-A7, 1.2 GHz
- DDR4 memory, up to 2 GB
- 2×RGMII, 10/100/1000 Mbps
- 1×USB 3.0, 1×USB 2.0
- 6×UART
- 2×PCIe 2.0
- 4×CAN
- Support industrial-grade wide temperature range (-40~85℃)

SPECIFICATION

Product Model	Product Model	WEC-1020D / WEC-1021D / WEC-1022D
CPU	CPU modle	NXP LS1020A / LS1021A / LS1022A
	Core	2 × ARM Cortex-A7，up to 1.2 GHz
Memory	Type	DDR3L/DDR4，Onboard Memory
	Max. Capacity	2 GB
Storage	Type	eMMC
	Capacity	2/4/8 GB
Ethernet	LAN	2 × RGMII/RMII/MII/SGMII，up to 10/100/1000 Mbps
I/O Interface	USB	1 × USB 2.0，1 × USB 3.0
	UART	6
	CAN	4
	I2C	3
	I2S	4
	SPI	2
	SDIO	1
	PWM	8
	PCIe	2 × PCIe 2.0
	SATA	1 × SATA 3.0
Power Supply	Type	DC
	Input Voltage	5 V
Environment	Operating Temp.	Common grade：-10～60℃，Industrial grade：-40～85℃
	Storage Temp.	-40～85℃
	Operating Humi.	10- 90% @ 40℃，non-condensing
	Storage Humi.	0- 95% @ 60℃，non-condensing
Operating System	OS	Linux，Ubuntu
Dimension	Outside Dime.	61 × 44 mm

WEC-1028

FEATURE：

◑ NXP LS1028A, 2×ARM Cortex-A72, 1.5 GHz

◑ DDR3L/DDR4 memory, up to 2 GB

◑ 1 × RGMII, 1 × QSGMII1, 4× SGMII, up to 10/100/1000 Mbps

◑ 1×USB 3.0, 1×USB 2.0

◑ 4×UART

◑ 2×PCIe 3.0

◑ 2×CAN

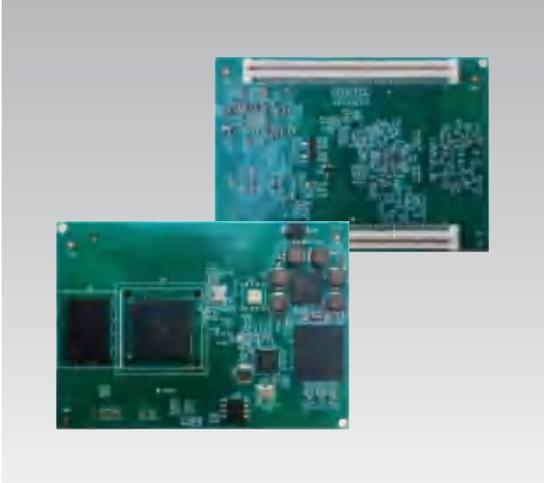◑ Support industrial-grade wide temperature range (-40~85℃)

SPECIFICATION

Product Model	Product Model	WEC-1028
CPU	CPU modle	NXP LS1028A
	Core	2 × ARM Cortex-A72，up to 1.5 GHz
Memory	Type	DDR3L/DDR4，Onboard Memory
	Capacity	1/2 GB
Storage	Type	eMMC
	Capacity	4/8/16 GB
Display	eDP	1
Ethernet	LAN	1 × RGMII，1 × QSGMII1，4× SGMII，up to 10/100/1000 Mbps
I/O Interface	USB	1 × USB 2.0，1 × USB 3.0
	UART	4
	CAN	2
	I2C	6
	I2S	6
	SPI	2
	SDIO	1
	PCIe	2 × PCIe 3.0
	SATA	1 × SATA 3.0
Power Supply	Type	DC
	Input Voltage	5 V
Environment	Operating Temp.	Common grade：-10～60℃，Industrial grade：-40～85℃
	Storage Temp.	-40～85℃
	Operating Humi.	10- 90% @ 40℃，non-condensing
	Storage Humi.	0- 95% @ 60℃，non-condensing
Operating System	OS	Linux，Ubuntu
Dimension	Outside Dime.	72 × 56 mm

WEC-MX8MN-F

FEATURE：

◑ NXP i.MX 8M mini, 4×ARM Cortex-A5, 1.8 GHz

◑ LPDDR4 memory, up to 2 GB

◑ 1 × RGMII/RMII/MII, 1 × RMII/MII

◑ 2×USB 2.0

◑ 4×UART

◑ 1×PCIe 2.0

◑ 5×I2C, 4×I2S

◑ Support industrial-grade wide temperature range (-40~85℃)

SPECIFICATION

Product Model	Product Model	WEC-MX8MN-F
CPU	CPU modle	NXP i. MX 8M mini
	Core	4 × ARM Cortex-A53 @1.8GHz & 1 × Cortex M4 @ 400MHz
Memory	Type	LPDDR4，Onboard Memory
	Capacity	1/2 GB
Storage	Type	eMMC
	Capacity	4/8/16 GB
Display	MIPI DSI	1
Ethernet	LAN	1 × RGMII/RMII/MII，1 × RMII/MII
I/O Interface	USB	2 × USB 2.0
	UART	4
	I2C	5
	I2S	4
	SPI	3
	PWM	4
	SDIO	3
	PCIe	1 × PCIe 2.0
	MIPI CSI	1
Power Supply	Type	DC
	Input Voltage	5 V
Environment	Operating Temp.	Common grade： -10～60℃，Industrial grade： -40～85℃
	Storage Temp.	-40～85℃
	Operating Humi.	10- 90% @ 40℃，non-condensing
	Storage Humi.	0- 95% @ 60℃，non-condensing
Operating System	OS	Linux，Android
Dimension	Outside Dime.	70 × 50 mm

WEC-MX8QM

FEATURE：

◐ NXP i.MX 8QuadMax / i.MX 8QuadPlus

◐ LPDDR4 memory, up to 16 GB

◐ 2×LAN, 10/100/1000 Mbps

◐ 2×USB 2.0, 1×USB 3.0

◐ 8×UART，3×CAN

◐ 1×2-lane PCIe 3.0

◐ 4×I2C, 4×ADC

◐ Support industrial-grade wide temperature range (-40~85℃)

SPECIFICATION

Product Model	Product Model	WEC-MX8QM / WEC-MX8QP
CPU	CPU modle	NXP i.MX 8QuadMax / i.MX 8QuadPlus
	Core	2×ARM Cortex-A72+ 4×Cortex A53
Memory	Type	LPDDR4, Onboard Memory
	Max. Capacity	16 GB
Storage	Type	eMMC
	Capacity	8/16/32 GB
Display	HDMI	1
	LVDS	2
	MIPI DSI	2
	eDP	1
Ethernet	LAN	2×LAN, 10/100/1000 Mbps
I/O Interface	USB	2×USB 2.0, 1×USB 3.0
	UART	8
	CAN	3
	I2C	18
	ADC	4
	SPI	4
	PWM	4
	SDIO	2
	PCIe	1 × 2-lane PCIe 3.0
	MIPI CSI	1
Power Supply	Type	DC
	Input Voltage	5 V
Environment	Operating Temp.	Common grade：-10～60℃, Industrial grade：-40～85℃
	Storage Temp.	-40～85℃
	Operating Humi.	10- 90% @ 40℃, non-condensing
	Storage Humi.	0- 95% @ 60℃, non-condensing
Operating System	OS	Linux, Android
Dimension	Outside Dime.	90×75 mm
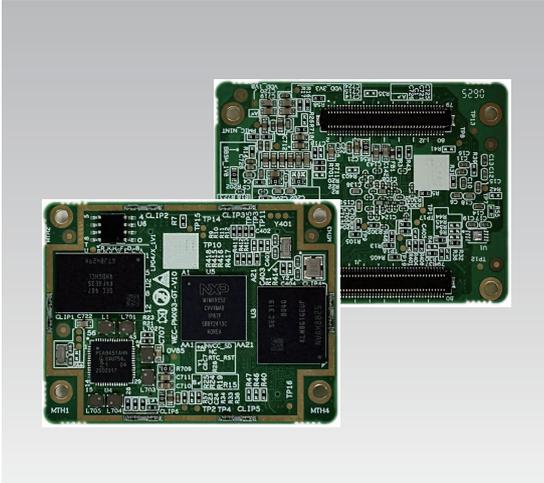
WEC-PMX93

FEATURE:

◑ NXP i.MX 93 Processor, 2×ARM Cortex-A55, 1.7 GHz

◑ LPDDR4 memory, up to 8 GB

◑ 2×FE, 10/100 Mbps

◑ 2×USB 2.0

◑ 8×UART

◑ 17×GPIO

◑ 2×CAN

◑ Support industrial-grade wide temperature range (-40~85℃)

SPECIFICATION

Product Model	Product Model	WEC-PMX93
SoC	SoC modle	NXP i. MX 93
	CPU	2×ARM Cortex-A55 @ 1.7GHz & 1× ARM Cortex-M33 @ 250 MHz
	NPU	AI Computing Power：0.5 Tops @Int 8
	GPU	PXP - Hardware Compositor
Memory	Type	LPDDR4/LPDDR4X，Onboard Memory
	Capacity	1/2/4 GB
Storage	Type	eMMC 5.1
	Capacity	4/8 GB
Display	LVDS	1
	MIPI DSI	1
Ethernet	LAN	2 × RMII，10/100 Mbps
I/O Interface	USB	2 × USB 2.0
	COM	8 × UART（some channel multiplexing），2 × RS485
	CAN	2
	GPIO	17
	I2C	8 (some channel multiplexing)
	SPI	2
	ADC	4
Power Supply	Type	DC
	Input Voltage	5 V
Environment	Operating Temp.	Common grade：-10～60℃，Industrial grade：-40～85℃
	Storage Tempe.	-40～85℃
	Operating Humi.	10- 90% @ 40℃，non-condensing
	Storage Hum.	0- 95% @ 60℃，non-condensing
Operating System	OS	Linux 6.1.22
Dimension	Outside Dime.	50 × 38 mm

YANZHI TECHNOLOGY
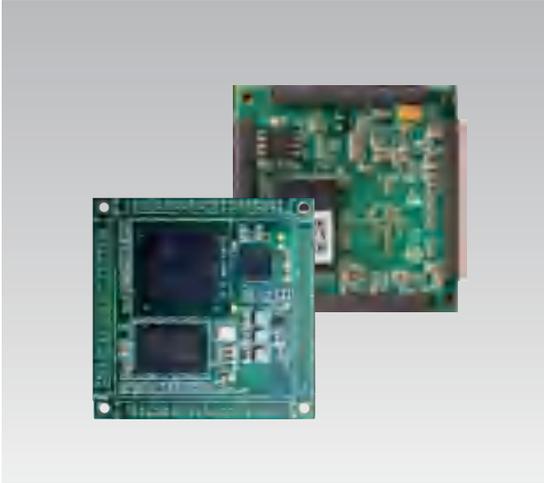
WEC-AM335X

FEATURE：

◐ TI AM335X processor，ARM Cortex-A8, up to 1.0 GHz

◐ DDR3 SDRAM memory, up to 1 GB

◐ Display: LCD（RGB), 16/24 Bit, 1366×768

◐ 2×MII/RMII/RGMII, up to 10/100/1000 Mbps

◐ 2×USB 2.0，2×CAN

◐ 6×UART，2×SPI

◐ 2×I2S，3×I2C，3× PWM

◐ Support Win CE, Linux

SPECIFICATION

Product Model	Product Model	WEC-T335XD
CPU	CPU modle	TI AM3352/AM3354/AM3358/AM3359
	Core	ARM Cortex-A8, up to 1.0 GHz
Memory	Type	DDR3 SDRAM, Onboard Memory
	Max Capacity	1 GB
Storage	eMMC	eMMC, 2/4/8/16 GB
Display	LCD	LCD（RGB), 16/24 Bit, 1366×768
Ethernet	LAN	2, MII/RMII/RGMII, up to 10/100/1000 Mbps
I/O Interface	USB	2×USB 2.0
	SDIO	2
	UART	6
	CAN	2
	I2S	2
	I2C	3
	SPI	2
	PWM	3
	ADC	8, 12 Bit
Power Supply	Type	DC
	Input Voltage	5 V
Environment	Operating Temp.	Common grade：-10～60℃，Industrial grade：-40～85℃
	Storage Temp.	-40～85℃
	Operating Humi.	10- 90% @ 40℃, non-condensing
	Storage Humi.	0- 95% @ 60℃, non-condensing
Operating System	OS	Linux, Ubuntu, WinCE 7
Dimension	Outside Dime.	45 × 45 mm

YANZHI TECHNOLOGY

WES-2J1900-2020

Equipped with Intel Celeron J1900, 2 GbE, 2 USB, 1 HDMI. Compact structure, suitable for use as a robot motion controller.

FEATURE：

◐ Intel Celeron J1900

◐ DDR3L memory, up to 8GB

◐ 1×M.2 SATA SSD

◐ 2×Intel I211AT GbE，10/100/1000 Mbps

◐ 1×USB3.0，1×USB2.0

◐ 1×mPCIe

◐ 1× HDMI, 4096×2160 @60Hz

◐ Power input: 12 V

SPECIFICATION

Product Model	Product Model	WES-2J1900-2020
CPU	Model	Intel Celeron J1900
	Core/Thread	4/4
	Frequency	2.0GHz, up to 2.42 GHz
	Cache	2 MB L2 Cache
	GPU	Intel HD Graphics for Intel Atom Processor Z3700 Series，up to 854 MHz
	TDP	10W
	BIOS	AMI UEFI/legacy BIOS @ 64 Mb
Memory	Type	DDR3L 1333 MHz
	Max Memory	8 GB
	Socket	1 × SO-DIMM socket
Storage	M.2	1 × M.2 2242 mSATA
	SATA	N/A
	TF Card	N/A
Display	HDMI	1 × HDMI, 4096×2160 @60Hz
Net	Ethernet	2 × LAN, Intel I211AT GbE，10/100/1000 Mbps，RJ45
	WiFi/BT	Optional
	4G/5G	Optional
	USB	1 × USB3.0, 1 × USB2.0
I/O Interface	SPI bus	Support
	SIM卡	Support
	RTC	Support
Expansion Interface	mPCIe	1 × mPCIe, support USB 2.0/4G
	TTL/GPIO	6×TTL+16×GPIO+1×USB2.0+SW+Power LED+RST+3.3V/5V
	PCIe/TMP	2×PCIe 1X+TPM+SATA+HDD LED+3.3V/5V/12V
Operating System	Windows	Windows 7
	Linux	Ubuntu 18.04/20.04
Power Supply	Type	DC, With overcurrent, overvoltage and reverse connection protection functions
	Input Voltage	12 V
Mechanical Property	Profile	Aluminium alloy
	Installation	DIN rails, desktop, wall mounts
	Dimensions	105×85×41.5mm
Environment	Operating Temp.	0～60℃ with 0.7m/s air flow
	Storage Temp.	-40～85℃
	Operating Humi.	0～90% @ 40℃, non-condensing
	Storage Humi.	0- 95% @ 60℃, non-condensing
	Vibration	With SSD：3 Grms，IEC60068-2-64, random，5~500 Hz, 1hr/axis (with Wall Mount)
	Impact	With SSD：30 G, IEC-60068-2-27, half sine, 11 ms duration (with Wall Mount)

WES-2J1900-4240

Intel Celeron J1900，4 GbE，4 USB, 4 DI，4 DO，1 HDMI. Compact structure, suitable for use as a robot motion controller.

FEATURE：

◐ Intel Celeron J1900

◐ DDR3L memory, up to 8 GB

◐ 1×M.2 2242 SATA SSD

◐ 4×GbE，Intel I211AT，10/100/1000 Mbps

◐ 1×USB3.0，3×USB2.0

◐ 2×COM，4×DI，4×DO

◐ 2×mPCIe

◐ 1×HDMI，4096×2160 @60Hz

SPECIFICATION

Product Model	Product Model	**WES-2J1900-4240-4DI-4DO**
CPU	Model	Intel Celeron J1900
	Core/Thread	4/4
	Frequency	2.0 GHz, up to 2.42 GHz
	Cache	2 MB L2 Cache
	GPU	Intel HD Graphics for Intel Atom Processor Z3700 Series, up to 854 MHz
	TDP	10 W
	BIOS	AMI UEFI/legacy BIOS @ 64 Mb
Memory	Type	DDR3L 1333 MHz
	Max Memory	8 GB
	Socket	1 × SO-DIMM socket
Storage	M.2	1 × M.2 2242 mSATA
	SATA	N/A
	TF Card	N/A
Display	HDMI	1 × HDMI，4096×2160 @60Hz
Net	Ethernet	4 × LAN, Intel I211AT GbE, 10/100/1000 Mbps, RJ45
	4G/5G	Support
I/O Interface	COM	1×RS232, 1×RS485，isolated
	USB	1 × USB3.0, 3 × USB2.0
	CAN	N/A
	DI/DO	4 × DI (isolation), 4 × DO (isolation)
	SPI	Support
	SIM Card	Support
	SW	Support
Expansion Interface	mPCIe	2 × mPCIe: 1 support USB 2.0/4G, 1 support mSATA/4G
	TTL/GPIO	4×TTL, 1×USB 2.0, 8×GPIO，RST
Operating System	Windows	Windows 7
	Linux	Ubuntu 18.04/20.04
Power Supply	Type	DC, With overcurrent, overvoltage and reverse connection protection functions
	Input Voltage	12 V
Mechanical Property	Profile	Aluminium alloy
	Installation	DIN rails, desktop, wall mounts
	Dimensions	105×85×61.5mm
Environment	Operating Temp.	0 ~ 60℃ with 0.7m/s air flow
	Storage Temp.	-40 ~ 85℃
	Operating Humi.	0 ~ 90% @ 40℃, non-condensing
	Storage Humi.	0- 95% @ 60℃, non-condensing
	Vibration	With SSD: 3 Grms，IEC60068-2-64，random, 5~500 Hz，1hr/axis (with Wall Mount)
	Impact	With SSD: 30 G, IEC-60068-2-27, half sine, 11 ms duration (with Wall Mount)

SA3200/SA5200

Compatible with Intel Tiger Lake & Elkhart Lake , 2 x GbE, 4 x USB, Suitable for use as a robot motion controller.

FEATURE：

- ◑ Compatible with Intel Tiger Lake and Elkhart Lake processors
- ◑ 1×M.2 M key 2242（SATA3.0），1×2.5" SATA3.0
- ◑ 2×Intel I211AT GbE
- ◑ 2×USB3.0, 2×USB2.0, 2×USB 2.0 built-in
- ◑ 1×mPCIe slot
- ◑ 1×DP (4K @ 60Hz)，1×LVDS/eDP
- ◑ Power input: 12-24 V
- ◑ Operating temperature: 0 ~ 60℃

SPECIFICATION

Product Model	Product Model	SA5200-65G7	SA5200-35G7	SA5200-15G4	SA5200-6305E	SA3200-J6412	SA3200-J6413	SA3200-J6426
CPU	Model	i7-1165G7	i5-1135G7	i3-1115G4	6305E	J6412	J6413	J6426
	Core/Thread	4/8	4/8	2/4	2/2	4/4	4/4	4/4
	Frequency	2.8-4.7 GHz	2.4-4.2 GHz	3.0-4.1 GHz	1.80 GHz	2.0-2.6 GHz	1.8-3.0 GHz	2.0-3.0 GHz
	Cache	12 MB	8 MB	6 MB	4 MB	1.5 MB L2	1.5 MB L2	1.5 MB L2
	GPU	Intel Iris Xe Graphics			Intel UHD Graphics		Intel UHD Graphics	
	TDP	12-28 W	12-28 W	12-28 W	15 W	10 W	10 W	10 W
	BIOS	AMI EFI 256 Mbit						
Memory	Type	DDR4 3200 MHz						
	Max Memory	64 GB				32 GB		
	Socket	2 × 2-channel 260 pin SO-DIMM				1 × 2-channel 260 pin SO-DIMM		
Storage	M.2	1 × M.2 M key 2242（SATA 3.0）						
	SATA	1 × 2.5" SATA3.0 Drive bay						
	TF Card	N/A						
Display	LVDS/eDP	1 × LVDS/eDP (full signal expansion interface)						
	DP	1 × DP, 4096×2160 @60Hz						
Net	Ethernet	2 × LAN, Intel I211AT GbE, 10/100/1000 Mbps, RJ45						
	WiFi/BT	WIFI 2.4G, BT 5.0						
	4G/5G	Support mPCIe/USB 4G module, M.2 5G module						
I/O Interface	COM	N/A						
	USB	2 × USB3.0, 2 × USB2.0, 2 × USB 2.0 (built-in)						
	CAN	N/A						
	DI/DO	N/A						
	High-speed IO	N/A						
	Audio	N/A						
Expansion Interface	PCIe	1×Full-size mPCIe						
Operating System	Windows	Windows 10/11						
	Linux	Ubuntu 18.04/20.04						
Power Supply	Type	DC, With overcurrent, overvoltage and reverse connection protection functions						
	Input Voltage	12-24 V						
Mechanical Property	Profile	Aluminium alloy						
	Installation	DIN rails, desktop, wall mounts						
	Dimensions	150×145×63mm						
Environment	Operating Temp.	0 ~ 60℃ with 0.7m/s air flow						
	Storage Temp.	-40 ~ 85℃						
	Operating Humi.	0 ~ 90% @ 40℃, non-condensing						
	Storage Humi.	0- 95% @ 60℃, non-condensing						
	Vibration	With SSD：3 Grms，IEC60068-2-64，random，5~500 Hz，1hr/axis (with Wall Mount)						
	Impact	With SSD：30 G，IEC-60068-2-27，half sine，11 ms duration (with Wall Mount)						

SA3600/SA5600

Compatible with Intel Tiger Lake & Elkhart Lake , 6 x GbE, 6 x USB, Suitable for use as a robot motion controller.

FEATURE：

◐ Compatible with Intel Tiger Lake and Elkhart Lake processors
◐ 1×M.2 M key 2242（SATA3.0）, 1个2.5" SATA3.0
◐ 6×Intel I211AT GbE, among which 4 support POE function
◐ 2×USB3.0, 4×USB2.0, 2×USB 2.0 built-in
◐ 1×mPCIe slot
◐ 1×DP (4K @ 60Hz), 1×LVDS/eDP
◐ Power input: 12-24 V
◐ Operating temperature: 0 ~ 60℃

SPECIFICATION

Product Model	Product Model	SA5600-65G7	SA5600-35G7	SA5600-15G4	SA5600-6305E	SA3600-J6412	SA3600-J6413	SA3600-J6426
CPU	Model	i7-1165G7	i5-1135G7	i3-1115G4	6305E	J6412	J6413	J6426
	Core/Thread	4/8	4/8	2/4	2/2	4/4	4/4	4/4
	Frequency	2.8-4.7GHz	2.4-4.2GHz	3.0-4.1GHz	1.80 GHz	2.0-2.6GHz	1.8-3.0GHz	2.0-3.0GHz
	Cache	12 MB	8 MB	6 MB	4 MB	1.5 MB L2	1.5 MB L2	1.5 MB L2
	GPU	Intel Iris Xe Graphics		Intel UHD Graphics		Intel UHD Graphics		
	TDP	12-28 W	12-28 W	12-28 W	15W	10 W	10 W	10 W
	BIOS	AMI EFI 256 Mbit						
Memory	Type	DDR4 3200MHz						
	Max Memory	64GB				32GB		
	Socket	2 × 2-channel 260 pin SO-DIMM				1 × 2-channel 260 pin SO-DIMM		
Storage	M.2	1 × M.2 M key 2242（SATA3.0）						
	SATA	1 × 2.5" SATA3.0 Drive bay						
	TF Card	N/A						
Display	LVDS/eDP	1 × LVDS/eDP (full signal expansion interface)						
	DP	1 × DP, 4096×2160 @60Hz						
Net	Ethernet	2 × LAN, Intel I211AT GbE, 10/100/1000 Mbps, RJ45						
		4 × LAN (with POE), Intel I211AT GbE, 10/100/1000 Mbps, RJ45, the max. Power of a single POE is 25.4W						
	WiFi/BT	WIFI 2.4G, BT 5.0						
	4G/5G	Support mPCIe/USB 4G module, M.2 5G module						
I/O Interface	COM	N/A						
	USB	2 ×USB3.0, 4×USB2.0, 2 × USB 2.0 (built-in)						
	CAN	N/A						
	DI/DO	N/A						
	High-speed IO	N/A						
	Audio	N/A						
Expansion	PCIe	1×Full-size mPCIe						
Operating System	Windows	Windows 10/11						
	Linux	Ubuntu 18.04/20.04						
Power Supply	Type	DC, With overcurrent, overvoltage and reverse connection protection functions						
	Input Voltage	9-36 V						
Mechanical Property	Profile	Aluminium alloy						
	Installation	DIN rails, desktop, wall mounts						
	Dimensions	150×145×83mm						
Environment	Operating Temp.	0 ~ 60℃ with 0.7m/s air flow						
	Storage Temp.	-40 ~ 85℃						
	Operating Humi.	0 ~ 90% @ 40℃, non-condensing						
	Storage Humi.	0- 95% @ 60℃, non-condensing						
	Vibration	With SSD：3 Grms，IEC60068-2-64，random，5~500 Hz，1hr/axis (with Wall Mount)						
	Impact	With SSD：30 G，IEC-60068-2-27，half sine，11 ms duration (with Wall Mount)						

SA3620/SA5620

Compatible with Intel Tiger Lake & Elkhart Lake , 6 x GbE, 4 x USB, Suitable for use as a robot motion controller.

FEATURE：

◑ Compatible with Intel Tiger Lake and Elkhart Lake processors

◑ 1×M.2 M key 2242（SATA 3.0）

◑ 5×Intel I211AT GbE，1×GbE/USB

◑ 2×USB3.0, 2×USB2.0, 2×USB 2.0 build-in

◑ 2×COM, 2×DI, 2×DO, 1×mPCIe slot

◑ 1×DP (4K@60Hz), 1×LVDS/eDP

◑ Power input: 12-24 V

◑ Operating temperature: 0 ~ 60℃

SPECIFICATION

Product Model	Product Model	SA5620-65G7	SA5620-35G7	SA5620-15G4	SA5620-6305E	SA3620-J6412	SA3620-J6413	SA3620-J6426
CPU	Model	i7-1165G7	i5-1135G7	i3-1115G4	6305E	J6412	J6413	J6426
	Core/Thread	4/8	4/8	2/4	2/2	4/4	4/4	4/4
	Frequency	2.8-4.7GHz	2.4-4.2GHz	3.0-4.1GHz	1.80 GHz	2.0-2.6GHz	1.8-3.0GHz	2.0-3.0GHz
	Cache	12 MB	8 MB	6 MB	4 MB	1.5 MB L2	1.5 MB L2	1.5 MB L2
	GPU	Intel Iris Xe Graphics		Intel UHD Graphics		Intel UHD Graphics		
	TDP	12-28 W	12-28 W	12-28 W	15W	10 W	10 W	10 W
	BIOS	AMI EFI 256 Mbit						
Memory	Type	DDR4 3200MHz						
	Max Memory	64GB				32GB		
	Socket	2 × 2-channel 260 pin SO-DIMM				1 × 2-channel 260 pin SO-DIMM		
Storage	M.2	1 × M.2 M key 2242（SATA3.0）						
	SATA	1 × 2.5" SATA3.0 Drive bay						
	TF Card	N/A						
Display	LVDS/eDP	1 × LVDS/eDP (full signal expansion interface)						
	DP	1 × DP，4096×2160 @60Hz						
Net	Ethernet	5 × LAN，Intel I211AT GbE，10/100/1000 Mbps, RJ45						
		1 × LAN/USB. LAN: Intel I211AT GbE，10/100/1000 Mbps. USB: USB2.0						
	WiFi/BT	WIFI 2.4G 、BT 5.0						
	4G/5G	Support mPCIe/USB 4G module, M.2 5G module						
I/O Interface	COM	1 × RS232/RS485 (isolation), 1 × RS485 (isolation)						
	USB	2 ×USB3.0, 2×USB2.0, 2 × USB 2.0 (built-in)						
	CAN	N/A						
	DI/DO	2 × DI，2 × DO						
	High-speed IO	N/A						
	Audio	N/A						
Expansion	PCIe	1 × Full-size mPCIe						
Operating System	Windows	Windows 10/11						
	Linux	Ubuntu 18.04/20.04						
Power Supply	Type	DC, With overcurrent, overvoltage and reverse connection protection functions						
	Input Voltage	9-36 V						
Mechanical Property	Profile	Aluminium alloy						
	Installation	DIN rails, desktop, wall mounts						
	Dimensions	150×145×83mm						
Environment	Operating Temp.	0 ~ 60℃ with 0.7m/s air flow						
	Storage Temp.	-40 ~ 85℃						
	Operating Humi.	0 ~ 90% @ 40℃, non-condensing						
	Storage Humi.	0- 95% @ 60℃, non-condensing						
	Vibration	With SSD：3 Grms, IEC60068-2-64, random, 5~500 Hz, 1hr/axis (with Wall Mount)						
	Impact	With SSD：30 G, IEC-60068-2-27, half sine, 11 ms duration (with Wall Mount)						

SA1260

High-performance and low-power industrial computer，Intel Bay Trail J1900，GbE，USB，COM, HDMI, etc.

FEATURE：

- ◑ Intel Celeron J1900 processor
- ◑ DDR3L memory, up to 8 GB
- ◑ 1×mSATA
- ◑ 2×GbE，10/100/1000Mbps
- ◑ 2×RS232/422/485，4×RS232
- ◑ 1×USB 3.0, 3×USB 2.0
- ◑ 1×HDMI，1×VGA
- ◑ 1×mini PCle
- ◑ Power input: 12~24 V DC

SPECIFICATION

Product Model	Product Model	SA1260-J1900
CPU	Model	Intel Celeron J1900
	Core/Thread	4/4
	Frequency	2.0 GHz, up to 2.4 GHz
	Cache	2 MB L2 Cache
	GPU	Intel HD Graphics for Intel Atom Processor Z3700 Series
Memory	Tpye	DDR3L 1333 MHz
	Max Memory	8 GB
	Socket	1 × dual-channel SO-DIMM socket
Storage	mSATA	1 × mSATA slot
	SATA	1 × 2.5" SATA3.0 slot
Display	HDMI	2 × HDMI, 4096×2160 @60Hz
	VGA	1 × VGA, 1920×1200 @ 60Hz
Net	Ethernet	2×GbE，10/100/1000 Mbps，RJ45
	WiFi/BT	WIFI 2.4GHz, buletooth 5.0
	4G/5G	Support mPCIe/USB 4G module, M.2 5G module
I/O Interface	COM	2 × RS232/422/485, 4 × RS232（extended by a DB9）
	USB	1 × USB3.0, 3 × USB2.0, 4 ×USB 2.0 (built-in)
	CAN	N/A
	Audio	Lin-out, Realtek ALC662
	PCIe	1 × full-size mPCIe
Operating System	Windows	Windows 7/10
	Linux	Ubuntu 18.04/20.04
Power Supply	Type	DC
	Input Voltage	12 ~ 24 V
Mechanical Property	Profile	Aluminium alloy
	Installation	DIN rails, desktop, wall mounts
	Dimensions	215×150×40mm
Environment	Operating Temp.	0 ~ 60℃ with 0.7m/s air flow
	Storage Temp.	-20 ~ 70℃
	Operating Humi.	0 ~ 90% @ 40℃, non-condensing
	Storage Humi.	0- 95% @ 60℃, non-condensing
	Vibration	With SSD: 3 Grms, IEC60068-2-64, random, 5~500 Hz, 1hr/axis (with Wall Mount)
	Impact	With SSD: 30 G, IEC-60068-2-27, half sine, 11 ms duration (with Wall Mount)

SA3360/SA5360

High-performance and highly compatible industrial computer, compatible with Intel Tiger Lake & Elkhart Lake.

FEATURE：

◐ Compatible with Tiger Lake (i3/i5/i7)、Elkhart Lake (J6412/ J6413，J6426) processor

◐ DDR4 memory, up to 64GB (Core) or 32GB (Celeron)

◐ 1×M.2 for 2242/2280 NVMe，1×mSATA

◐ 3×GbE，10/100/1000Mbps

◐ 2×RS232/422/485，4×RS232

◐ 4×USB 3.0

◐ 2× HDMI 2.1

◐ 1×M.2 for 4G/5G，1×mini PCIe

◐ Power input: 12~24 V DC

SPECIFICATION

Product Model	Product Model	SA5360-65G7	SA5360-35G7	SA5360-15G4	SA5360-6305E	SA3360-J6412	SA3360-J6413	SA3360-J6426
CPU	Model	Core i7-1165G7	Core i5-1135G7	Core i3-1115G4	Celeron 6305E	Celeron J6412	Celeron J6413	Celeron J6426
	Core/Thread	4/8	4/8	2/4	2/2	4/4	4/4	4/4
	Frequency	2.8-4.7GHz	2.4-4.2GHz	3.0-4.1GHz	1.80 GHz	2.0-2.6GHz	1.8-3.0GHz	2.0-3.0GHz
	Cache	12 MB	8 MB	6 MB	4 MB	1.5 MB	1.5 MB	1.5 MB
	GPU	Intel Iris Xe Graphics		Intel UHD Graphics		Intel UHD Graphics		
	TDP	28 W	28 W	28 W	15 W	10 W	10 W	10 W
	BIOS	AMI EFI 256 Mbit				AMI EFI 256 Mbit		
Memory	Type	DDR4 3200 MHz				DDR4 3200 MHz		
	Max Memory	64 GB				32 GB		
	Socket	2 × dual-channel 260 pin SO-DIMM socket				1 × dual-channel 260 pin SO-DIMM socket		
Storage	M.2	1 × M.2 M key 2242/2280，support SATA3.0 or NVMe SSD						
	SATA	1 × 2.5" SATA3.0 slot，1 × mSATA slot						
Display	HDMI	2 × HDMI 2.1, 4096×2160 @60Hz						
Net	Ethernet	3 × GbE, Intel i211, 10/100/1000 Mbps						
	WiFi/BT	WIFI 2.4 GHz, Bluetooth 5.0						
	4G/5G	Support mPCIe/USB 4G module, M.2 5G module						
I/O Interface	COM	2 × RS232/422/485（with automatic flow control），4 × RS232（extended from a DB9）						
	USB	4 × USB3.0，4 ×USB 2.0 (built-in)						
	CAN	N/A				2×CAN		
	Audio	Lin-out, Realtek ALC662						
	PCIe	1 × M.2 M key 2242/2280, support SATA3.0 or NVMe SSD						
		1 × M.2 B key 3042/3052, support 4G/5G module（PCIe）						
		1 × full-size mPCIe						
		1 × mSATA						
Operating System	Windows	Windows 10/11						
	Linux	Ubuntu 18.04/20.04						
Power Supply	Type	DC						
	Input Voltage	12 ~ 24 V						
Mechanical Property	Profile	Aluminium alloy						
	Installation	DIN rails, desktop, wall mounts						
	Dimensions	215×150×54 mm						
Environment	Operating Tempe	0 ~ 60℃ with 0.7m/s air flow						
	Storage Tempera	-20 ~ 70℃						
	Operating Humid	0 ~ 90% @ 40℃, non-condensing						
	Storage Humidity	0- 95% @ 60℃, non-condensing						
	Vibration	With SSD: 3 Grms, IEC60068-2-64, random, 5~500 Hz, 1hr/axis (with Wall Mount)						
	Impact	With SSD: 30 G, IEC-60068-2-27, half sine, 11 ms duration (with Wall Mount)						

SA2260

High-performance edge intelligent AI-BOX, compatible with Intel 6 - 9th gen. CPU, 32/64/140 Tops AI computing power

FEATURE：

◖ Compatible with Intel 6 - 9th gen. processor
◖ DDR4 2400MHz memory，up to 64 GB
◖ 2×LAN，10/100/1000 Mbps
◖ 4×USB3.0，4×USB2.0
◖ 4×RS232, 2×RS0/RS485
◖ 1×HDMI, 1×DVI, 1×VGA
◖ Powerinput：12~24 V
◖ Support for 32/64/140 Tops of AI computing power

SPECIFICATION

Product Model	Product Model	SA2260-6700T	SA2260-7500	SA2260-8700	SA2260-9100T
CPU	Model	Intel Core i7-6700T	Intel Core i5-7500	Intel Core i7-8700	Intel Core i3-9100T
	Core/Thread	4/8	4/4	6/12	4/4
	Frequency	2.8-3.6 GHz	3.4-3.8 GHz	3.2-4.6 GHz	3.1 GHz
	Cache	8 MB	6 MB	12 MB	6 MB
	GPU	HD Graphics 530	HD Graphics 630		
	TDP	Intel H110 Express Chipset			
	BIOS	AMI 64M Bit BIOS			
Computing power	AI computing	1×4-lane PCI，support 32/64/140 Tops AI computing Power			
Memory	Type	DDR4 2400MHz			
	Max Memory	64 GB			
	Socket	2 × 2-channel 284 pin SO-DIMM			
Storage	SATA	1 ×2.5" SATA3.0 Drive bay			
	mSATA	1 × mSATA SSD			
	TF Card	N/A			
Display	VGA	1, 1920×1200			
	DVI	1, 1920×1200			
	HDMI	1, 1920×1200			
Net	Ethernet	2×LAN, Intel I210 GbE, 10/100/1000 Mbps, RJ45			
	WiFi/BT	WIFI 2.4G, Bluetooth 5.0			
	4G/5G	Support, 1×SIM card slot			
I/O Interface	COM	4×RS232, 2×RS232/RS485			
	USB	4×USB 3.0, 4×USB 2.0			
	CAN	N/A			
	DI/DO	N/A			
	Audio	Realtek ACL662，Line-out，Mic-in			
	LPT	1			
Expansion Interface	mPCIe	2×mPCIe, including 1×mSATA			
Operating System	Windows	Windows 7/10			
	Linux	Ubuntu 18.04/20.04			
Power Supply	Type	DC, With overcurrent, overvoltage and reverse connection protection functions			
	Input Voltage	12-24 V			
Mechanical Property	Profile	Aluminium alloy			
	Installation	Deskop, wall mount			
	Dimensions	316×238×104mm			
Environment	Operating Temp.	0 ~ 60℃ with 0.7m/s air flow			
	Storage Temp.	-40 ~ 85℃			
	Operating Humi.	0 ~ 90% @ 40℃, non-condensing			
	Storage Humi.	0- 95% @ 60℃, non-condensing			
	Vibration	With SSD: 3 Grms, IEC60068-2-64, random, 5~500 Hz, 1hr/axis (with Wall Mount)			
	Impact	With SSD: 30 G, IEC-60068-2-27, half sine, 11 ms duration (with Wall Mount)			

WES-WNX00-3220

High-performance edge intelligent AI-BOX, 21 Tops AI computing power，Multiple peripheral interface types

FEATURE：

- NVIDIA Jetson Xavier NX processor
- 21 Tops @int 8，AI computing power
- 8/16 GB LPDDR4X memory
- 2×GbE, 10/100/1000 Mbps
- 2×RS232, 2×RS485, 2×CAN, 2×DI, 2×DO
- 2×USB 3.0 type A, 1×USB type C
- 2×mPCIe
- Display: MIPI DSI、HDMI、eDP or LVDS
- 12~24 V Wide voltage input

SPECIFICATION

Product Model	Product Model	WES-WNX00-3220
SoC	Model	NVIDIA Jetson Xavier NX
	CPU	6×VIDIA Carmel ARM v8.2 CPU core，1.9 GHz
	GPU	21 Tops @int 8
Memory	Type	LPDDR4X
	Max Memory	16 GB
Memory	eMMC	eMMC5.1, 16 GB
	TF Card	1×TF card slot
Display	HDMI	2×HDMI 2.0b out
Net	Ethernet	2×GbE (10/100/1000 Mbps)，1×FE (10/100 Mbps)
	WiFi/BT	WIFI 2.4G，Bluetooth 4.2
	4G/5G	Support
I/O	COM	1×RS232, 1×RS485
	USB	2×USB 3.0 type A, 1×Micro USB OTG
	CAN	N/A
	DI/DO	2×DI，1×DO
	SIM	1×SIM card slot，support Micro SIM
	Audio	1×LINE，1×MIC
	RTC	Support
	Reset	Support
Expansion interface	PCIe	2 × mPCIe
Operating System	OS	Ubuntu 18.04
Power Supply	Type	DC
	Input Voltage	12-24 V
Mechanical Property	Profile	Aluminium alloy
	Installation	DIN rail, desktop, wall hanging
	Dimensions	199×135×56 mm
Environment	Operating Temp.	0~60℃ with 0.7m/s air flow
	Storage Temp.	-40~85℃
	Operating Humi.	0~90% @ 40℃, non-condensing
	Storage Humi.	0-95% @ 60℃, non-condensing
	Vibration	With SSD: 3 Grms, IEC60068-2-64, random, 5~500 Hz, 1hr/axis (with Wall Mount)
	Impact	With SSD: 30 G, IEC-60068-2-27, half sine, 11 ms duration (with Wall Mount)

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Expert in Intelligent Industrial Control Systems

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