图为科技
TWOWIN TECHNOLOGY

Jetson AGX Orin Series
T930 AI Edge Computer

The T930 is an AI edge - computing device developed based on the NVIDIA Jetson AGX Orin embedded GPU module. It has a computing power of 200/275TOPS, rich interfaces, and supports commonly - used sensors on autonomous vehicles. It can meet the high - computing - power demand areas such as industrial vision and autonomous driving.

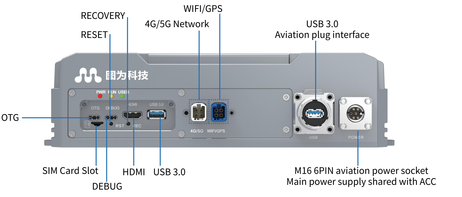
Technical Parameters

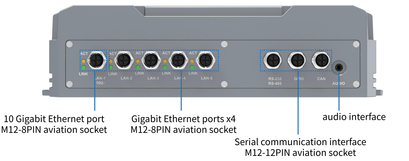
System	AI Platform	Jetson AGX Orin
	AI computing power	200 TOPS/275 TOPS
	GPU	1792-core NVDIA Ampere architecture GPU with 56 Tensor Cores 2048-core NVIDIA Ampere architecture GPU with 64 Tensor Cores
	CPU	8-core Arm® Cortex®-A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3/ 12-core Arm® Cortex®-A78AE v8.2 64-bit CPU 3MB L2 + 6MB L3
	video coding	1x4K60 (H.265)3x4K30(H.265)6x1080p60(H.265)12x 1080p30 (H.265) 2x4K60(H.265)4x4K30(H.265)8x1080p60(H.265)16x1080p30 (H.265)
	Video decoding	1x8K30(H.265)2x4K60(H.265)4x4K30(H.265)9x1080060(H.265)18x 1080D30 (H.265) 1x8K30 (H.265)3x4K60(H.265)7x4K30(H.265)11x1080p60(H.265)22x1080p30(H.265)
	Memory	32GB 256-bit LPDDR5 204.8GB/s /64GB 256-bitLPDDR5 204.8GB/S
	Storage/Expansion	64GB eMMC 5.1

Hardware Interface

Ethernet	Interface	1x M12 10 Gigabit Ethernet port (supports PTP timing), 4x M12 Gigabit Ethernet port, independent IP, Lan2 Lan5 supports POE (optional)
Wireless network	WiFi	2.4GHz/5GHz dual band WIF(optional)
	4G/5G	4G full network connectivity/5G full network connectivity(optional)
	GNSS	Supports centimeter-level GPS, optional RTK/heading, optional installation
	Other	1x SIM Card
Multimedia	Display	1x HDMI
	Audio	1x AUDIO OUT(3.5mm port)
I/O	USB	2x USB3.0 Type-A, 1x Type-C OTG,1x Type-C Debug
	Serial Port	1x RS485(Software can be switched to 2x RS232), 2x RS232
	CAN	2x CAN、2x SPI-CAN
	GPIO	2x GPI + 2x GPO(3.3V@1mA) with isolation (12V@200ma)
Port	M.2 KEY E	WIFI
	M.2 KEY M	1x2280 PCIE SSD
	RTC	1x RTC
Other	Synchronous system	Support PTP, PPS input/output, PWM output (optional)
	GMSL Camera Interface	/
Other	Power input	Wide input 10-36v, Support ACC
	Power interface	M16-6PIN navigational aid interface
	Buttons/Indicator lights	Recovery/Reset two buttons, three indicator lights
Physical parameters	Specifications/ Dimensions	275mm x 177.3mm x 76.5mm
Work Environment	Operating temperature	-20°C~60°C(Standard)/-40°C~70°C(Optional)
	Operating humidity	5%-95% non-condensing
	Cooling method	Fan cooling

Interface Display





Shipping List

Content	Quantity	Type
RS485/RS232s data cable	1	Standard
3.3V/12V_IO optical isolation data cable	1	Standard
Isolated CAN data cable	1	Standard
M12 Zhengcheng network cable	2	Standard
Power adapter (19V-4.74A)	1	Standard
Power cable	1	Standard
TYPE-C data cable	1	Standard
DC 5.5*2.5MM power cable one-to-two	1	Standard
M16 6PIN external power adapter cable_1 meter	1	Standard
Fakra_WiFi/GPS antenna	1	Optional
Fakra_4G/5G antenna	1	Optional