

VISION: To become a leader in motion control products and personalized solutions

Mission: To continuously create for the benefit of customers, and benefit mankind.

Values: Customer-centric, open collaboration, innovation, and pursuit of excellent

SHENZHEN JUST MOTION CONTROL ELECTROMECHANICS CO.,LTD

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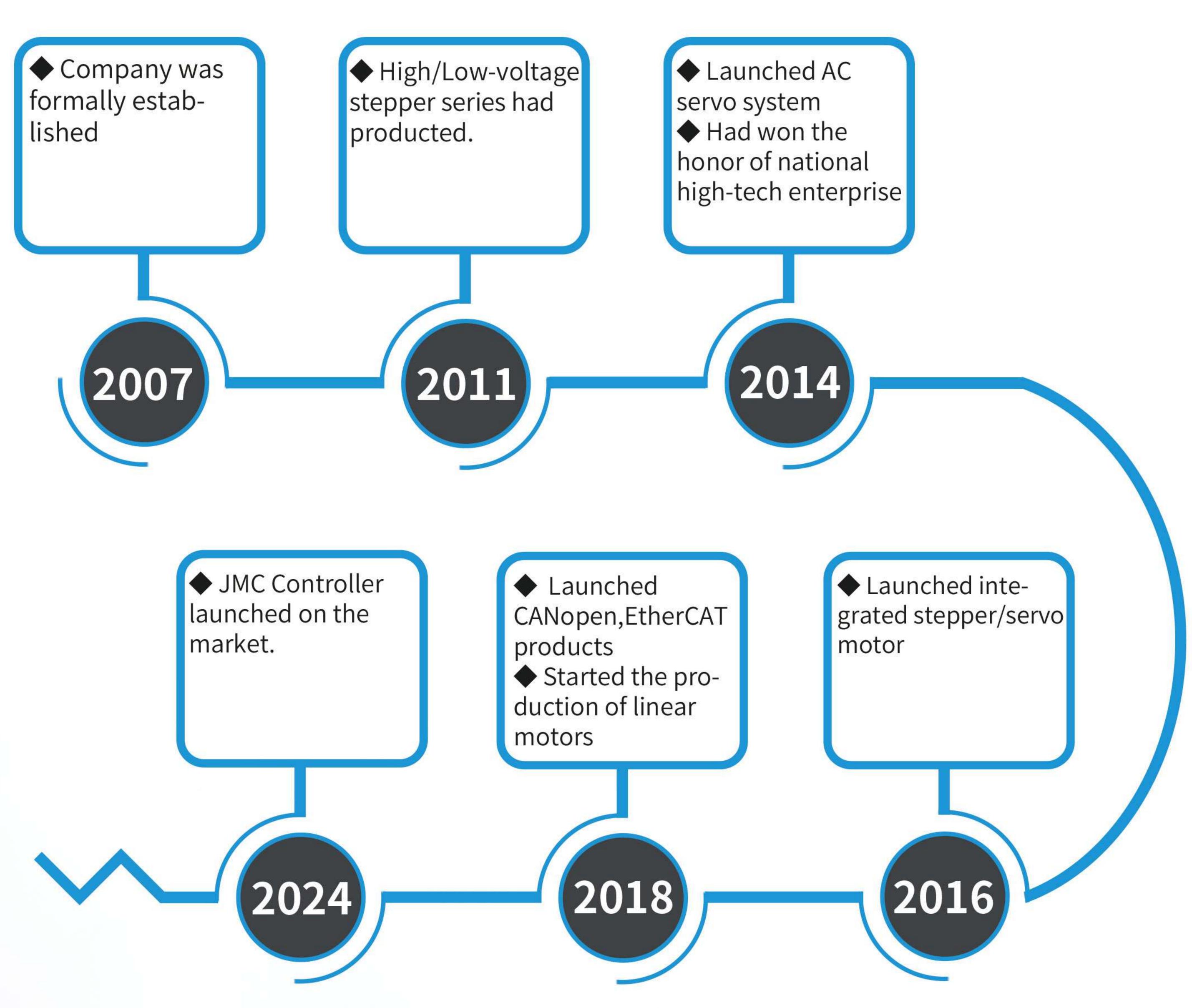
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Company Development History



Honor and Qualification













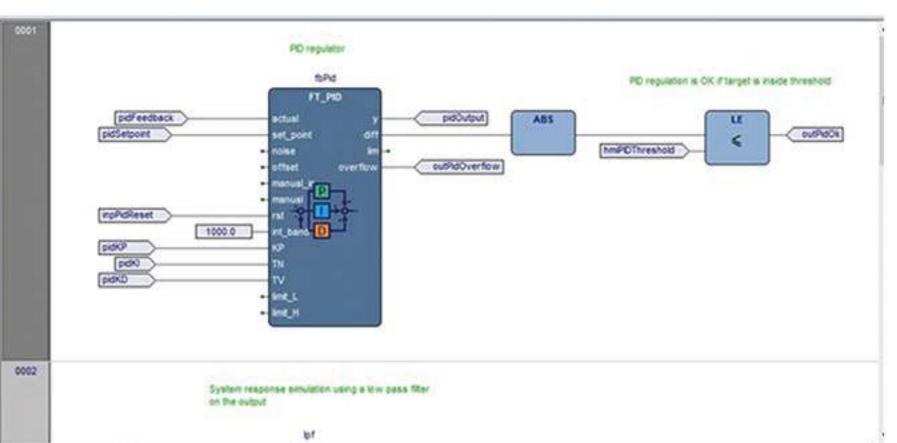


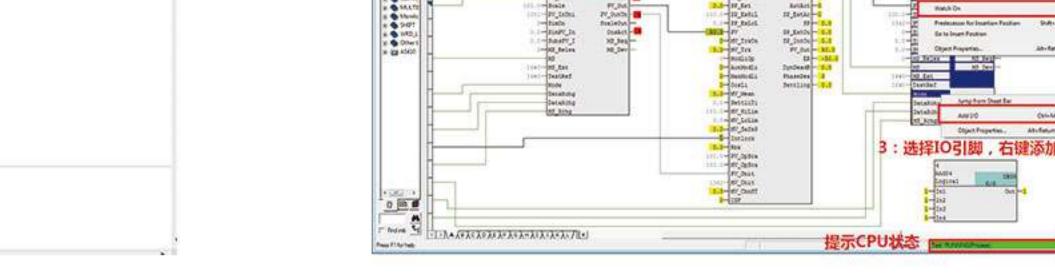






Program Language

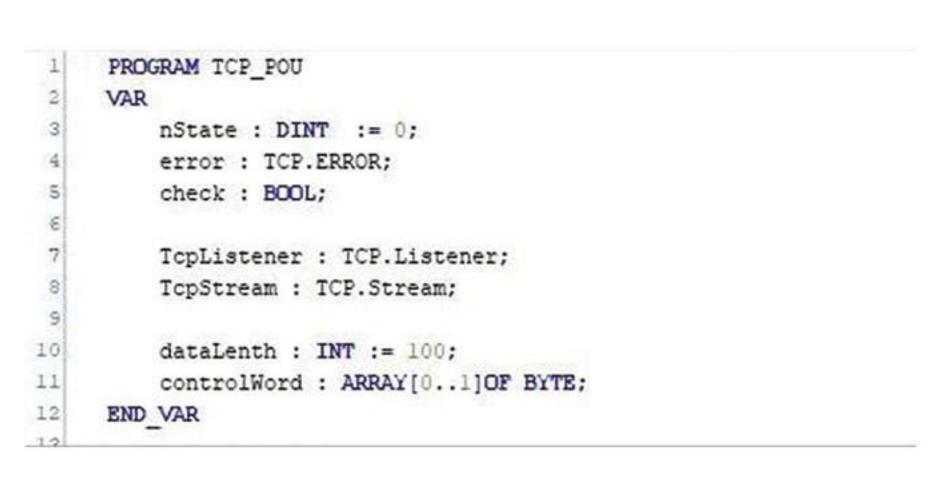




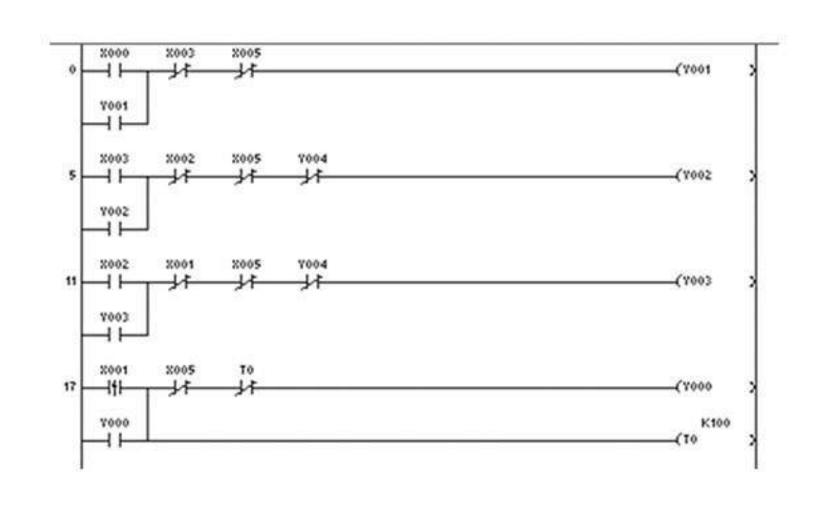


FBD

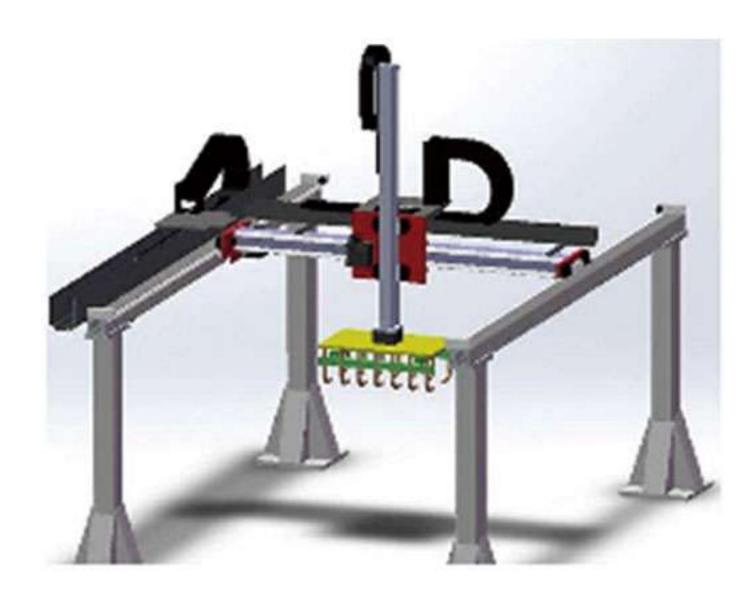
CFC



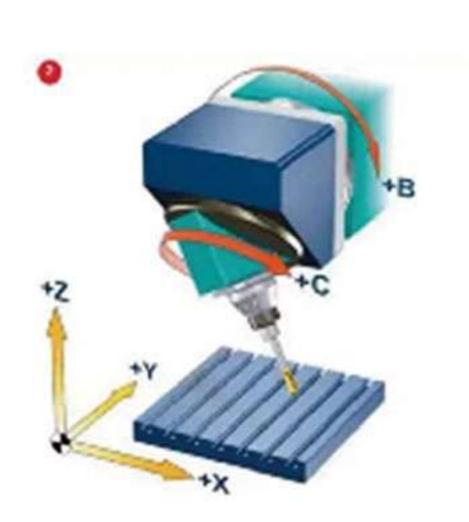
	X21 X17 Y4 M8044 上限 松开 M8044 M8000
	IST X0 S20 S27
SO	X15 RST Y4 松升
	X14 SET Y4 夹紧
	X11 X17 Y0
	X10 X16 Y1 Y0 FF
	X13 X17 X21 Y2 Y3 左行
	X12 X17 X20 Y3 Y2 右行



Application case







Three-coordinate structure

Double Z-axis gantry structure

Five-axis CNC structure



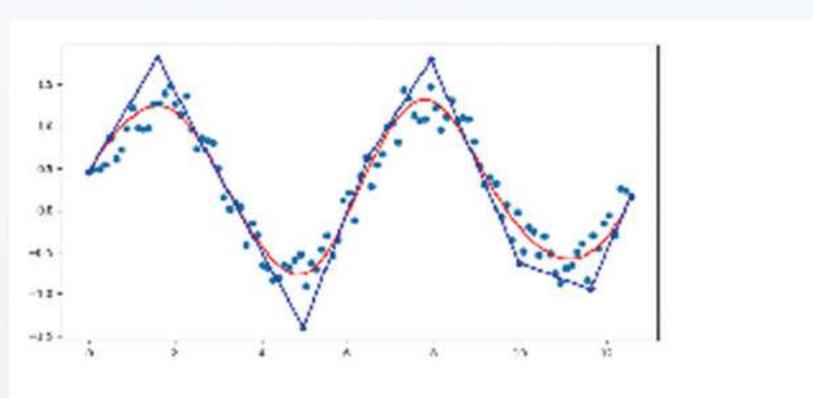




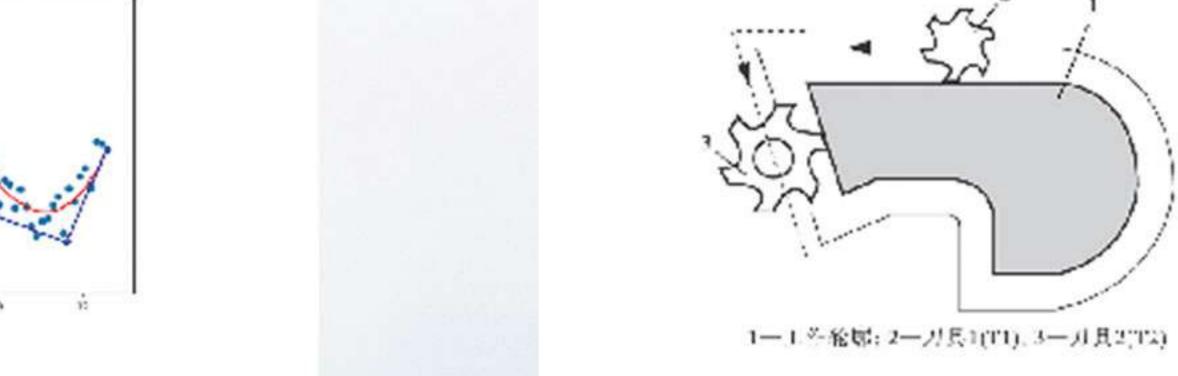
Scara manipulator

6-axis manipulator

Spider manipulator



Electronic Cam Flying Shear





Line/Arc/Spiral Interpolation/

G02 X10 Y-10 I10 J0 F200 M3 G02 X-10 Y10 I0 J10; G90 G00 M5 X0 Y0; G00 X25 Y20 G02 X10 Y-10 I10 J0 F200M3 G02 X-10 Y10 I0 J10; G90 G00 M5 X0 Y0; G02 X-40 Y0 I-40 J0 F200 M3 G90 G00 M5 X-55 Y0; G02 X0 Y-55 I55 J0 F200 M3 G02 X-55 Y0 I0 J55

CNC G Code Control

PRODUCTS OVERVIEW

JMC Controller



TX-201



TA133

Stepper Series



Open loop pulse type



Open loop bus type



Closed loop pulse type



Closed loop bus type



Integrated stepper motor



Integrated screw stepper motor



Screw stepper motor

Servo Series



AC servo pulse type



AC servo motor bus type



Integrated servo motor



Srew AC servo motor



Dual axis driver



Integrated srew servo motor



Linear motor

DC Servo Series



DC servo pulse type



DC servo bus type



DC screw type

Stardard type



Gear box/Reducer
Planetary/Right angle



Direct-Drive motor



Hallow-shaft motor

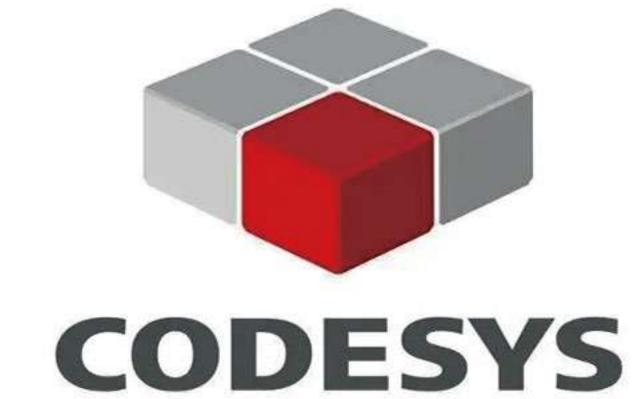


Electric batch

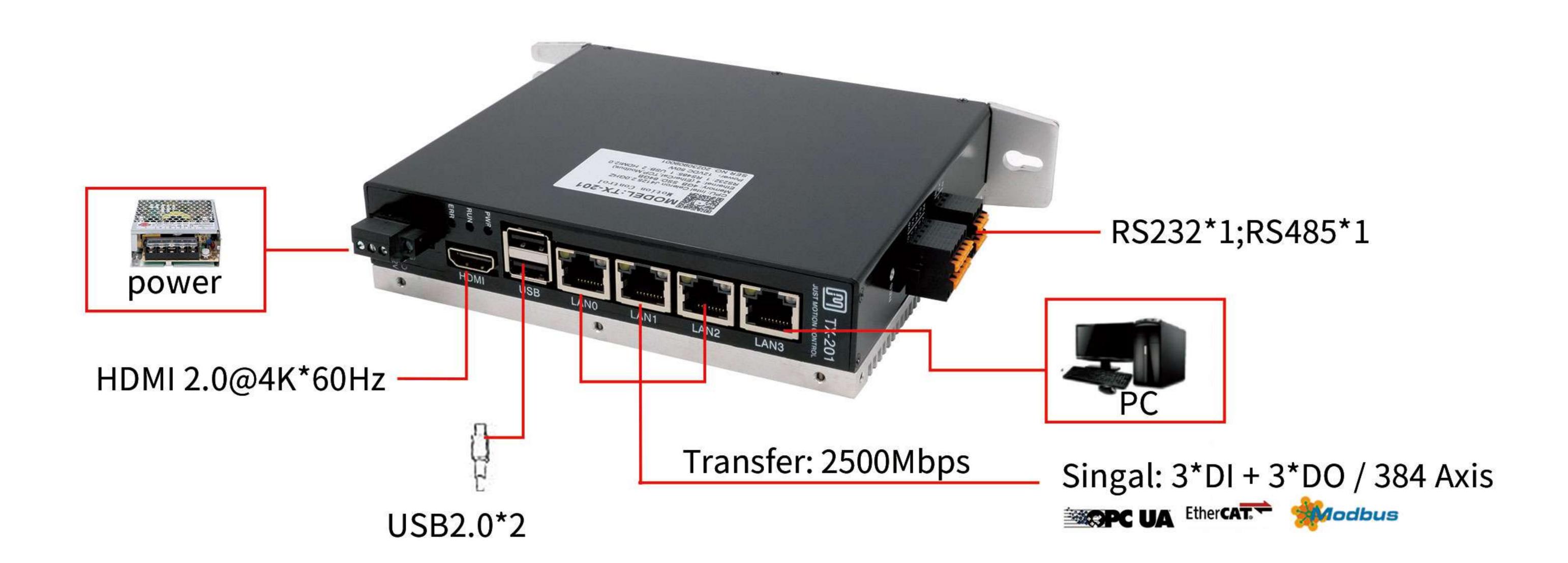


AC/DC power supply

TX-201 Controller







Power	CPU	Memory	EtherCAT	Modbus/CPC	Pluse	Capacity
DC12V	i7	4G+64G	Support	Support	No Support	384 Axis

Introduce

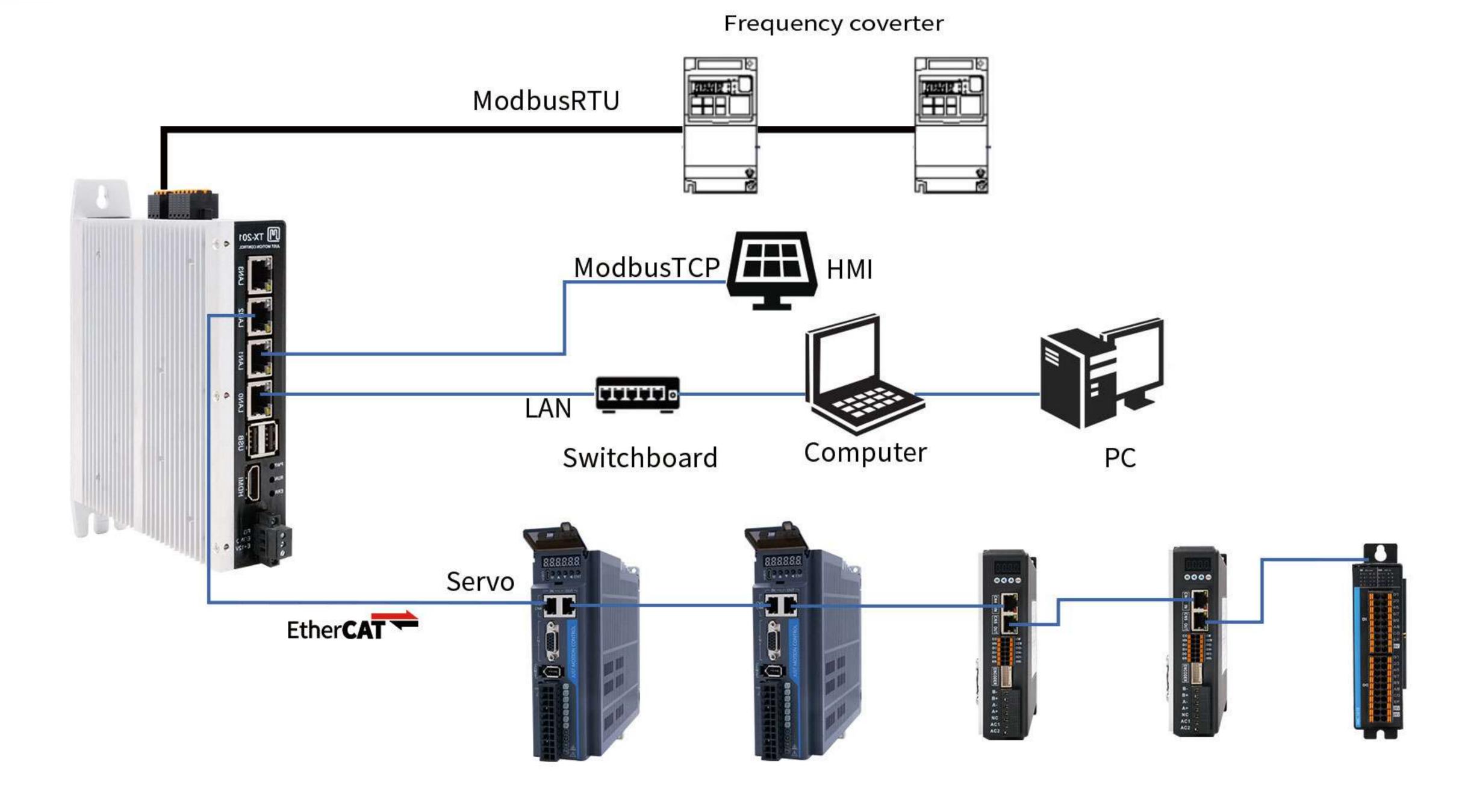
- ◆ TX-201 controller is an EtherCAT motion controller based on X86 and Codesys platform. It adopts all-metal body and provides rich network interfaces, which can meet the expansion requirements of various projects.
- ◆ This products has a wide working temperature range (-5 ~ 55 C) and good EMC performance. Equipped with the highest Intel Core i7 CPU, it can provide excellent computing power; In addition, the product is also equipped with up to 8GB of DDR4 memory and 256GB of SSD hard disk.

Datasheet

TX-201 series includes the following controllers, and their basic specifications are shown in the following table:

project		TX-201		
Power supply		12VDC(-20%~20%)		
CPU model		Celeron J4125		
internal	storage capacity	4GB		
Memory form		DDR4 SO-DIMM		
hard	disc capacity	64GB		
Hard disk form		M.2(M key) SSD		
Programming mode		61131-3 Programming Language (LD, ST, SFC, CFC)		
Program execution mode		Compilation execution		
User program storage space		128 M Byte		
User data storage capacity		128 M Byte		
EtherCA	T communication	1 road (maximum 128 slave stations per road)		
Modbus TCP communication		4-way (maximum 63 slave stations per way)		
Modbus (serial	RS-485	1 road (31 slave stations at most per road)		
communication	RS-232	1 road		
number of axles		128		
Overall dimension (mm)		Height 150* width 35* depth 134		
Net weight of product (kg)		<1kg		
Heat dissipation mode		natural cooling		
battery life		3 years (25℃, power-on time rate 0% (no power-on))		

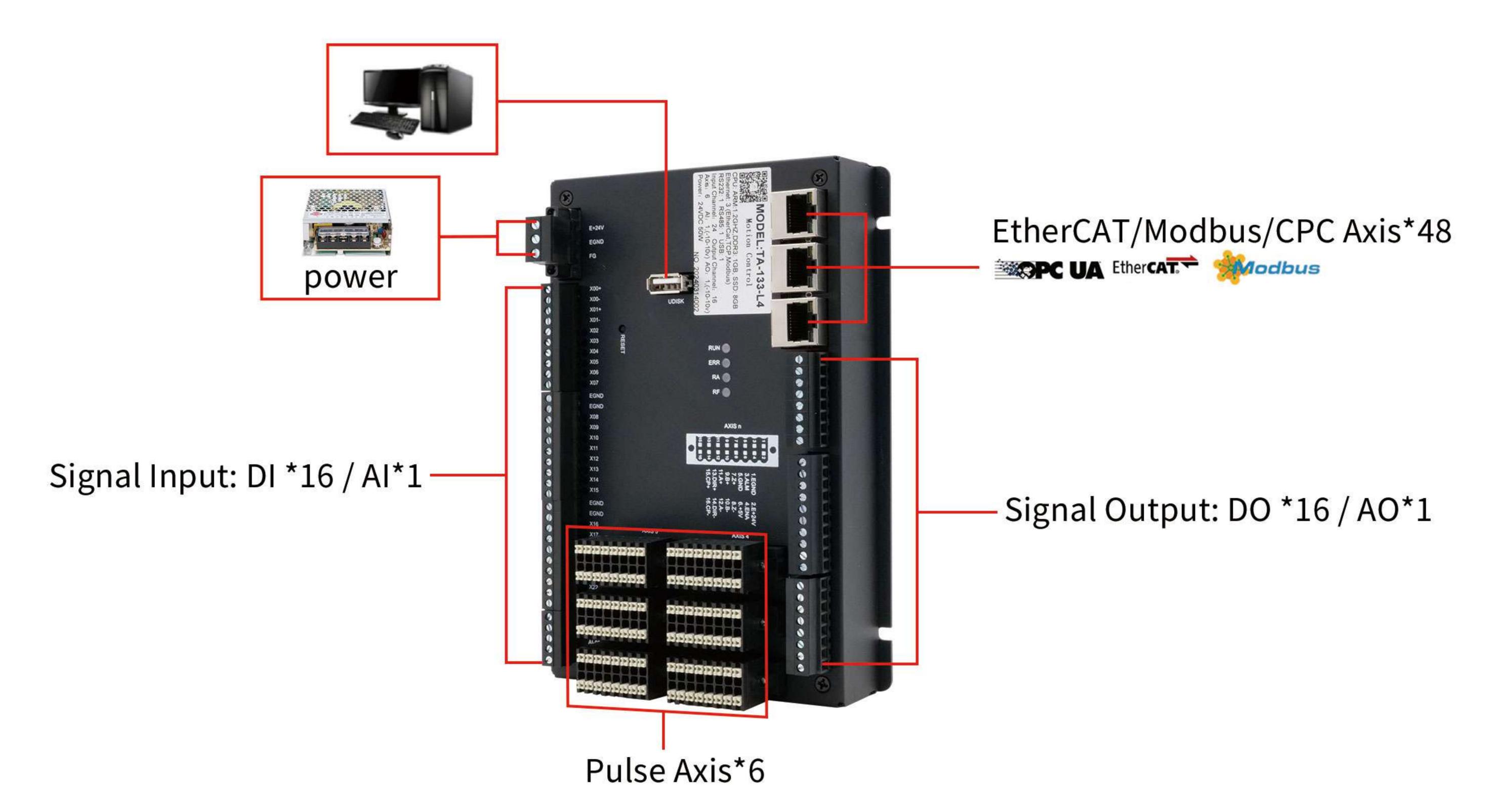
Wiring Diagram



TA-133 Controller







Power	CPU	Memory	EtherCAT	Modbus/CPC	Pluse	Capacity
DC12V	A7	1G+8G	Support	Support	Support	6+48 Axis

Introduce

- ◆ TA-133 series logic motion controller is based on ARM processor hardware platform, PLCopen compliant high-performance multi-axis motion controller. It has pulse and EtherCAT control modes, which can realize multi-axis servo control, especially suitable for the control of medium load computing equipment and small and medium-sized equipment in advanced manufacturing industry.
- ◆ This product has a wide temperature range (-5 ~55 ° C), good EMC performance; equipped with the highest ARM A7*4, can provide excellent computing power; In addition, the product is also equipped with up to 1GB DDR4 memory and 8GB EMMC hard disk, very suitable for applications.

Datesheet

projects		TA-133		
Power supply		24VDC(-20%~20%)		
	CPU	A7@1.2GHz*4		
Sto	rage capacity	1G		
b	uilt-inform	onboard		
hard	disk capacity	8 G		
har	d disk format	EMMC		
program		61131-3 Programming languages (LD, ST, SFC, CFC)		
Progran	n execution mode	Translation execution		
User program storage space		128 M Byte		
User data	a storage capacity	128 M Byte		
EtherCA	T communication	1 route (up to 64 slave stations per route)		
Modbus 1	TCP communication	3 routes (up to 63 slave stations per route)		
	RS-485	1(max. 31 slave stations per route)		
Modbus Commun -ication	RS-232	1 road		
a	xle number	64		
Overall size(mm)		Length 183* Width 127* Height 30.50		
Net Weight (kg)		<1kg		
heat d	lissipation mode	Natural cooling		
battery life		3 years (25 °C, 0% power-on time rate (no power))		

Wiring Diagram

