Specifications

Item		AC702-INT	AC703-INT
Processor		Intel Celeron, 2.0 GHz	
Memory		4G DDR3, 64G mSATA SSD, 64M SPI Flash	
Display		DI/DO status, fault code, SSD drive activity, running status, CPU usage	
RJ45		1×EtherCAT, 2×Ethernet	
Serial		1×RS485, 1×RS232	
DI/DO		8×High Speed inputs (200 kHz), 4×High Speed outputs (200 kHz)	
Power supply		24V DC (-15%~20%)	
Backup		No extra UPS, built-in design for Safe Shut-Down	
System software		Full support for PLCopen	
		Inovance InoProShop based on CODESYS®	
		PLCopen/SoftMotion with CODESYS Runtime, supporting all motion control functions such as PLCopen/CAM/CNC/ROBOT	
Motion control performance		32 axes at 1 ms period	
		Max. 16 axes, 128 slaves	Max. 32 axes, 128 slaves
Instruction execution time	Bit instruction operation	2ns	
	Integer operation	2.5ns	
	Floating-point operation (Double precision)	4ns	
Ethernet protocol		EtherNet/IP (scanner and adapter), OPC UA (server), Modbus TCP (master/slave)	
Cooling fan		Fanless natural cooling	
EMC standard		EN61131-2 Zone B, EN61000-6-2, EN61000-6-4	
Ambient temperature		Operation: -5°C to 55°C Transportation and storage: -25°C to 70°C	
IP rating		IP20	
Dimensions (W×H×D)		55mm×160mm×147mm	
Mass		1.3kg	

For more information, please contact our local offices.

Scan the QR code for more information of AC700;
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INOVANCE

AC700 Series
X86 Motion Controllers

Reliable precision for sophisticated industrial demands



X86 architecture powered by Celeron series CPU

CODESYS
Codesys based platform

IOT
Remote commissioning & industrial IoT

OPC UA · EtherNet/IP · EtherCAT · Modbus

CE · cULus LISTED · UKCA · KC

Product features

High performance

- 32 axes at 1 ms EtherCAT period
- EtherCAT I/O expansion:
  - ·Up to 128 EtherCAT remote I/O modules*
  - ·Adapted with GL&GR series units

Standard programming

- Fully standard IEC 61131-3 programming:
  - ·ST, LD, SFC, CFC
- Codesys based components:
  - ·PLCopen, CAM, CNC, and ROBOT motion control

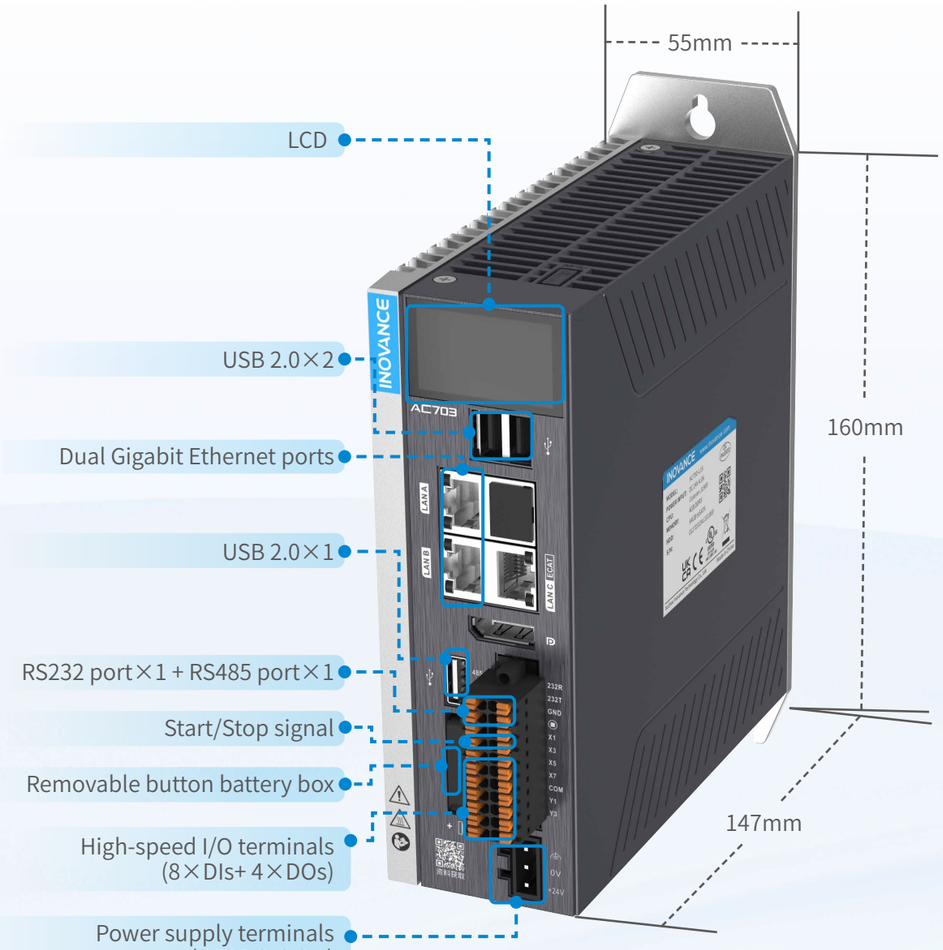
Flexible communications

- Multi-layer networking due to support for multiple communication protocols including:

  OPC UA EtherNet/IP EtherCAT Modbus TCP
- Built-in RS485/232 serial communication, compatible with legacy equipment

Comprehensive functionality

- Remote commissioning and industrial IoT capabilities
- Embedded Webvisu server
- EOE support with Inovance drives



System overview

