AC500-eCo CPU provides up to 12 DI, 6 DO, 2 DC, 2 Ethernet™ ports, and 3 option boards.

Compact and efficient I/O modules are available in 24 VDC and 120/240 VAC.

Combine AC500 and AC500-eCo flexible I/O module types into the same system to efficiently meet your application needs.

Configurable (DI or DO), and Positioning modules increase flexibility.

Available with Extreme Condition ratings.

AC500 CPUs are compatible with all modules. Safety, Hot Swap and other modules are available with the AC500 CPU.
ABB Automation Products
Helping OEMs build better machines

ABB is uniquely positioned to deliver superior, comprehensive automation solutions to meet your needs. As a global market leader in drives, motors, PACs, communications, and services, ABB has what it takes to fully support you with today’s demanding industrial applications.

- With you every step of the way
  ABB’s experts are on hand to offer technical advice from dimensioning through to energy saving. ABB and our partners can help with installation and commissioning, and throughout the operations and maintenance phases of the products’ life cycle, providing preventive maintenance programs tailored to your customers’ needs.

- Easy IoT integration with HTML5 web visualization and integrated OPC UA and MQTT.

- Complete controller line from the compact AC500-eCo PLC to the powerful AC500 PACs.
- Mix and match over 44 unique I/O modules to closely fit the application.
- Use the same programming software for all AC500 and AC500-eCo systems.

- All-compatible drives for interface, process, business, and environmental consistency.
- Drive Library provides programming for drive control and communication.
- Functional safety built in.
- All I/O and communications accessible.

- 1, 2 or 3 EthernetTM ports on every CPU and HMI; 2 port CPU units have integral switch.
- Commission, program, and simulate using a single tool for PACs, safety, drives, HMI, and networks.
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- Choose from over 20 communication protocols to access the network you need, from fieldbus, to enterprise, to IoT.
- Easy IoT integration with HTML5 web visualization and integrated OPC UA and MQTT.

- Range of HMI models and drives.
- All-compatible drives for interface, process, business, and environmental consistency.
- Drive Library provides programming for drive control and communication.
- Functional safety built in.
- Complete controller line from the compact AC500-eCo PLC to the powerful AC500 PACs.
- Mix and match over 44 unique I/O modules to closely fit the application.
- Use the same programming software for all AC500 and AC500-eCo systems.

- Extreme condition PAC modules, drives, HMIs, and motors.