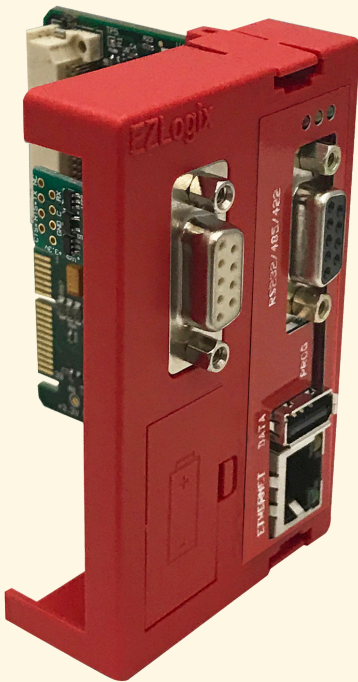


EZLogix CPU Selection Guide and Specifications

EZLGX-CPU-1UE

EZLGX-CPU-2UE


| EZLogix CPU Specifications | | | | |
|---|--|-------|--|-------|
| Feature | EZLGX-CPU-1UE | \$149 | EZLGX-CPU-2UE | \$199 |
| Total Memory (bytes) | 37.02 MB | | | |
| Ladder Memory (instruction words) | 500,000 instruction words | | | |
| Data Memory | Internal Bits | 1024 | | |
| | Internal Registers | 16384 | | |
| Current Consumption | 400mA | | | |
| Boolean execution/K | 2.4 ms | | | |
| Interrupt Instruction Response Time | 50 µs | | | |
| Programming Software for Windows | Free EZLogix Designer Pro | | | |
| Built-In communications ports | RS232/422/485 Ethernet 10/100Mbps | | 2 RS232/422/485 Ethernet 10/100Mbps | |
| Program Memory | Flash | | | |
| Data Logging | Yes, USB (Up to 64 Gb) | | | |
| USB Programming | Yes | | | |
| PLC Simulation | Yes | | | |
| IIoT Ready | Yes, MQTT Protocol | | | |
| LED Indicators | Input Power, Program Run, Low Battery, USB Logging | | | |
| I/O Modules Supported | AC, DC, Analog, Relays with Removable Terminal Block & LED Indicator per I/O | | | |
| Operating Temperature | -20 to 60°C (-4 to 140° F) | | | |
| Storage Temperature | -40 to 85°C (-40 to 185° F) | | | |
| Max Number of Ethernet slaves per Channel | 4 | | | |
| Discrete I/O Module Point Density | 8/12/16 | | | |
| Slots per Base | 3/5/7 | | | |
| Number of instructions available | >70 | | | |
| Control relays | 131,072 | | | |
| Timers | 256 (default) | | | |
| Counters | 256 (default) | | | |
| Immediate I/O | Yes | | | |
| Subroutines | Functions Block, up to memory limit | | | |
| Drum Sequencer | Yes, up to memory limit | | | |
| Loops | FOR/NEXT/JUMP loops | | | |
| Math | Yes, Advanced Function Blocks: Integer, Floating Point, Trigonometric, Logical, Bitwise | | | |
| ASCII | Yes, Send/Receive | | | |
| PID Loop Control, Built In | Yes, Auto-tuned | | | |
| Time of Day Clock/Calendar | Yes RTC | | | |
| Run Time Edits | Yes | | | |
| Supports True Force | Yes | | | |
| Internal Diagnostics | Yes | | | |
| Password security | Yes | | | |
| Battery backup | Yes (Battery included) | | | |
| Shock | 30g (IEC 60068-2-27) | | | |
| Vibration | 2g @ 10...500 Hz (IEC 60068-2-6) | | | |
| Electrical Noise | Nema ICS 2-230 Showering arc; ANSI C37.90a SWC; Level C Chattering Relay Test | | | |
| ESD Immunity | 6kV contact discharge (IEC 61000-4-2) | | | |
| Agency Approvals | CE, UL, cUL | | | |