

Motion Controller

XMC-E32A/E16A/E08A/E32C

EtherCAT-Based motion control system ensures efficient system environment



Features



Professional

- CAM control :
Up to 32 CAM profiles (32,768 points/32 CAM profiles)
- Supports G-code
- Robot control :
Delta3, Delta3R, Linear delta and Etc.



Productivity

- High-speed program processing :
6.25ns (Basic command)
- EtherCAT-based high speed cycle times : 0.5/1/2/4ms (Same as main task's cycle time)
- Built-in digital and analog IO



Convenience

- XG5000 software for programming and monitoring
 - Sole, Integrated architecture for programming, Diagnosing and simulating for both motion controller and PLC
 - IEC standard motion function blocks
- SD card slot (SD card not included)
- Saving and executing programs, Data logging

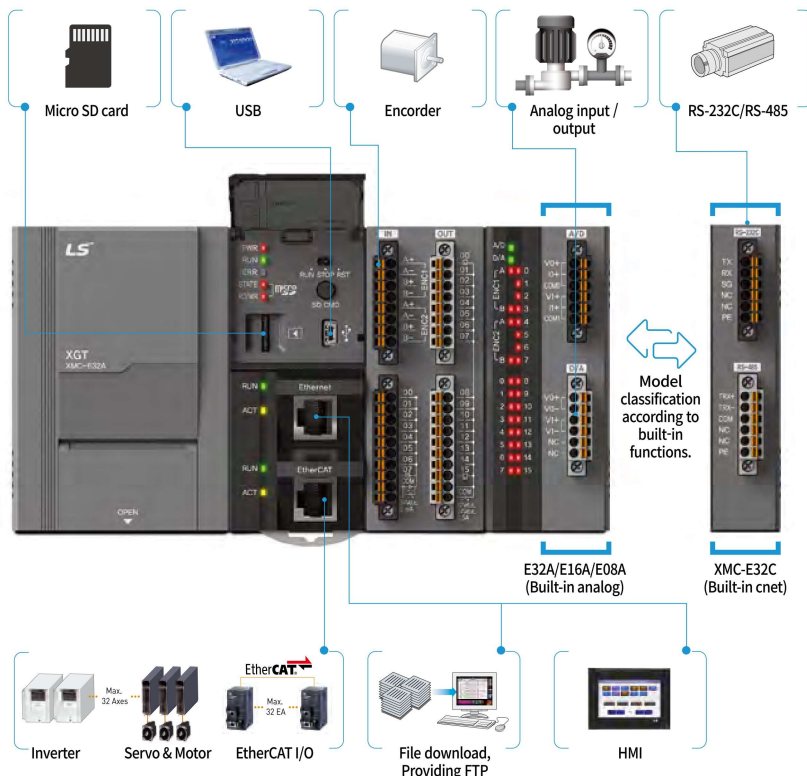


Efficiency

- Integration with a variety of EtherCAT devices
 - Servo drive (Up to 32 axes), Remote I/O (Up to 32 I/Os), AC drives, Robots and Etc.
- Various built-in functions
 - 8 digital inputs / 16 digital outputs, Encoder inputs (2 ch), Ethernet analog input (2 ch)/ Output (2 ch)_E32A, RS-232C/RS-485_E32C

System Configuration

Motion controller delivers an optimized solution to a system that has a need for motion control. With 8 digital inputs / 16 outputs, 2 analog inputs / Output (XMC-E32A/E16A/E08A only), 2 encoder inputs, RS-232C/RS-485(XMC-E32C only), and EtherCAT devices (Servo drive, INV, EtherCAT I/O, Robot), all can be connected rapidly and easily.



* Refer to page 8 (Performance specification) for supported axis information.