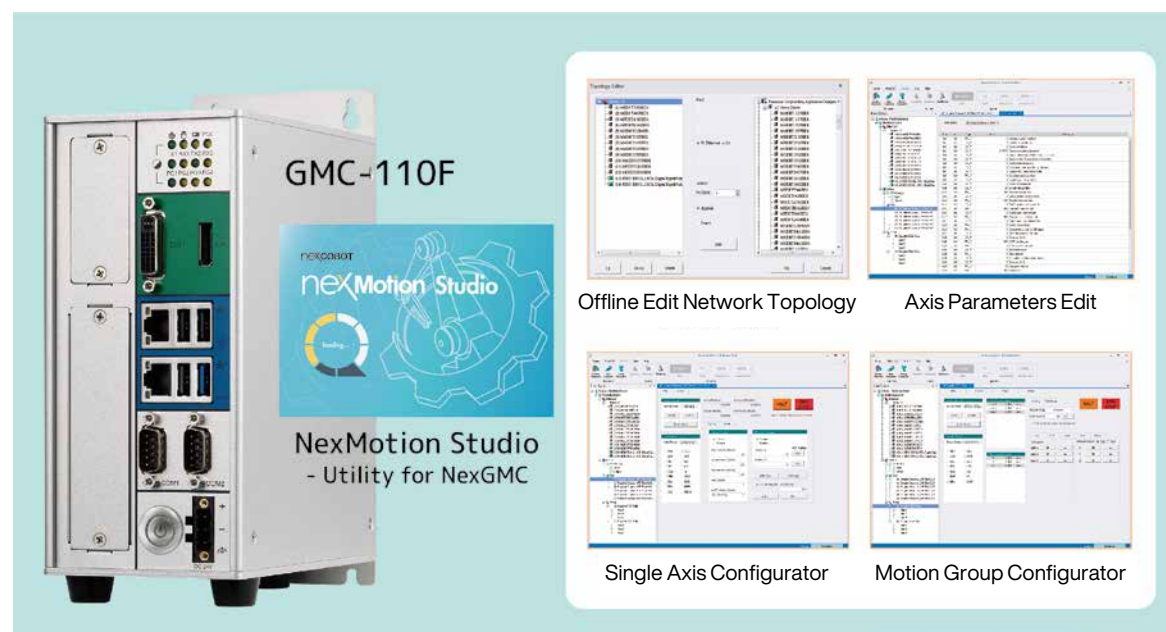


GMC-110F

EtherCAT General Motion Controller

16-axis EtherCAT-based Motion Controller



Features

1 Intelligent PC-based motion controller : GMC-110F

GMC-110F presents intelligent PC-Based motion controller for machine automation. It integrates NexCOBOT's general motion control software, NexGMC, to perform real-time motion control and supports standard EtherCAT slaves. GMC-110F also provides windows APIs for general motion control application and an integrated development environment to speed up development time for automation users.

2 Motion Control Functions

- Single-axis motion control up to 16axes
- Group motion control up to 2 groups
- Single-axis control: PTP, Jog, Halt, Stop, Speed/ACC/DEC override, blending
- Axes group control: PTP, Linear, Circular, Speed/ACC/DEC override, blending
- Supported Group Types: Cartesian coordinates machine (XY, XYZ table, XYZ&Θ)
- Support standard EtherCAT slaves
- Support C/C++,C# , VB.Net and Python for user programming
- Provide motion configuration tool - NexMotion Studio

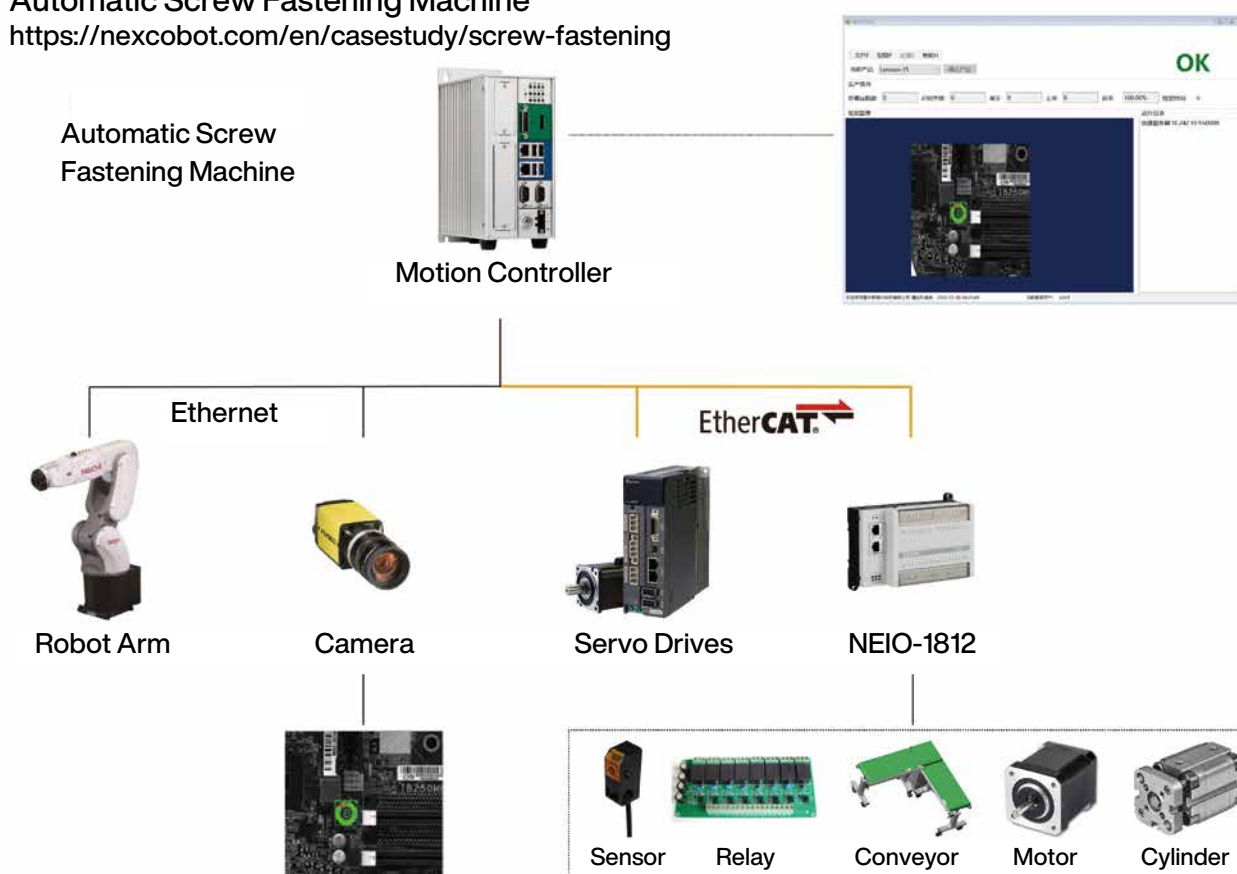
3 Platform Information

- Intel® Celeron® processor J1900 Quad Core
- 1 x EtherCAT port, 1 x Intel I210IT GbE LAN port
- 1 x USB 3.0, 3 x USB 2.0
- Dual display: DVI-I, DP
- Operation system: WES7P + Realtime OS

System Configuration

Application story

Automatic Screw Fastening Machine
<https://nexcobot.com/en/casestudy/screw-fastening>



その他

Powerful Motion Configuration tool - NexMotion Studio

- EtherCAT devices offline edit and online scan
- EtherCAT master configuration
- PDO mapping edit
- Online SDO edit
- Export ENI
- CiA 402 device operation : PP/ PV/ PT/ CSP
- Single axis edit and operation
- Group axes edit and operation
- I/O mapping edit and operation
- Provide simulation operation mode

Sales area

- Taiwan
- China
- Japan

Language

- English
- Chinese
- Japanese

For more information

URL : <https://www.nexcobot.com/>



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