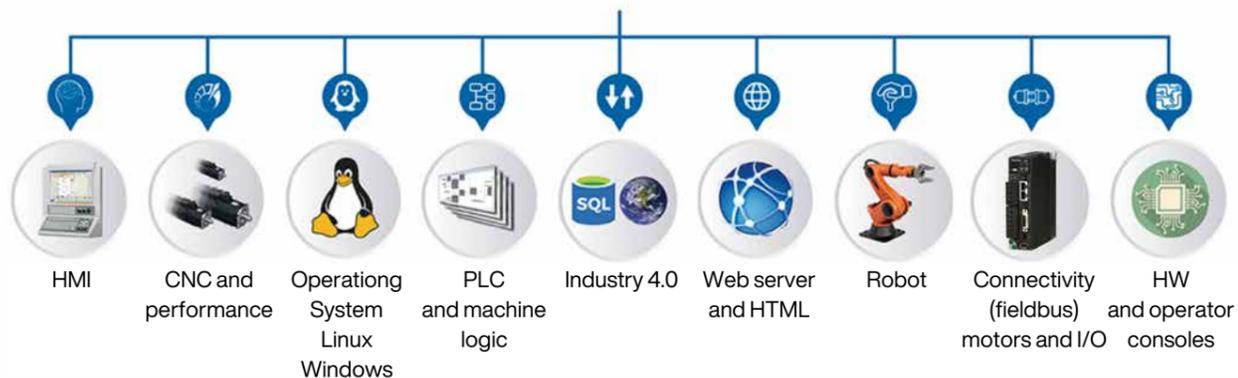


NcOneX: CNC with EtherCAT Master integrated

All-In-One numerical controller for the industry of the future



Features

1 CNC performance

The CNI CNC is based on Linux 64bit (CNI real time distribution), it can run on Intel or ARM platforms. The top level versions can also run Windows OS for the UI. It can manage axes with a minimum refresh time of 0.5 msec, Up to 100 interpolated axes, up to 30 processes (Tasks).

All the most common CNC features are available: TCPM functions, tangential interpolation with Jerk control, Master-Slave management, transport axe interpolation, HSC High speed cutting. Many special motion functions have been added to manage special machines.

2 Software HMI intuitive and easy to use

Configurable HMI software, can integrate custom user interfaces.

3 Integrated soft PLC

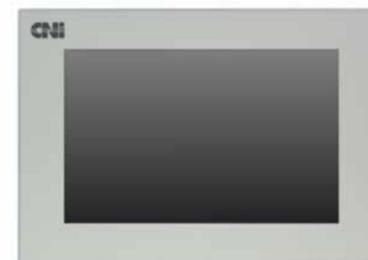
IEC61131-3 PLC Software Development System, advanced code debug features, EtherCAT, CanBus and Modbus fieldbus connectivity. I/O configuration environment integrated.

4 OPCUA – SQL Server – Web server for Industry 4.0

All methods to connect with few steps the CNC to MES / ERP for Industry 4.0 are available.

MicroNC ARM-64 EtherCAT CNC

MicroNC is an embedded system based on an ARM processor IMX8Plus (Quad core 1.8 GHz). Thanks to its high performance, it is particularly suitable for entry level industrial applications where running processes in real-time mode is important. Comes supplied with Linux 64bit OS (distribution with CNI drivers). Is equipped with IEC 61131-3 SoftPLC and NcOneX CNC software. Has on board I/O and encoders, can connect EtherCAT I/O modules and drives



Application Sample

- Wood Working
- Shoes
- Stone / Marble
- Glass
- Metals
- Robots
- Finishing
- Plastic
- Composite Materials
- Food/Packaging
- Textile

Sales area

- Italy
- EU

Language

- English
- Franch
- Italian
- All: Customer Easy translation

For more information

URL : www.cnigroup.net



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EtherCAT

EtherCAT