

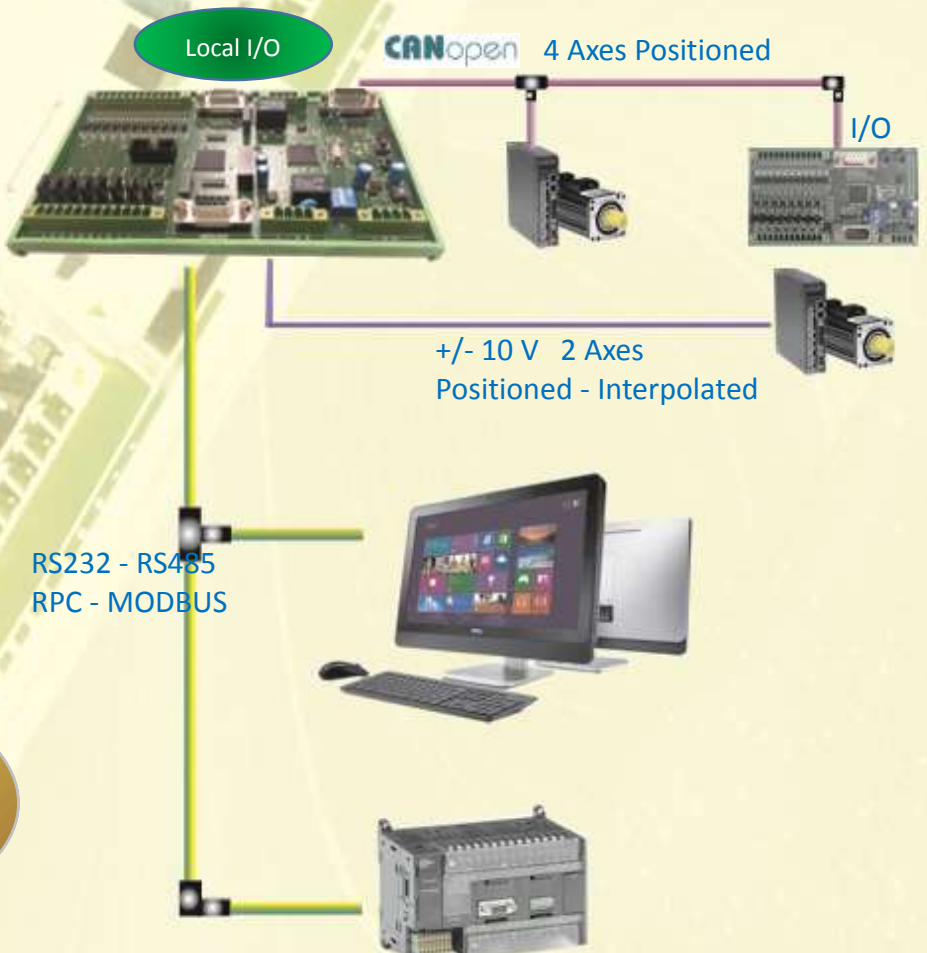
- 4 Axes Can Open Position Mode
- 2 Axes +/-10V Position-Interpolation Mode
- 2 RS232 - 1 RS485
- 1 CanOpen Master/Slave
- 11 Digital Inputs PNP 24 Vdc Opto
- 2 Encoder Inputs Line Drive 400Khz
- 8 Digital Outputs 1,2 A 24 Vdc Opto
- 1 Analog Input 12 Bit
- 2 Analog Outputs +/-10V
- 2 Relè Outputs 1A
- PLC Cycle
- Linear Interpolation,Circular, Elicoidal
- Modbus RTU
- Component for Framework .NET
- VTB Language



The new series of CNC NGQx is used for low level applications. It can be used in stand-alone mode with VTB Custom application for up to 2 axes +/- 10V, or with ISONS where it turns into CNC Linear and circular, for up to 2 axes.

The CPU includes 11 digital input 24Vdc PNP, 8 digital output PNP 1 A, 2 RS232/485, 1 CanOpen, 1 analog input 12-bit, 2 analog outputs +/- 10V 12 bit and 2 encoders input line drive 400 Khz.

With special firmware, NGQx can be used as a CANopen slave for expansion I/O digital and analog. The complete programming VTB, the easy of use for custom applications.

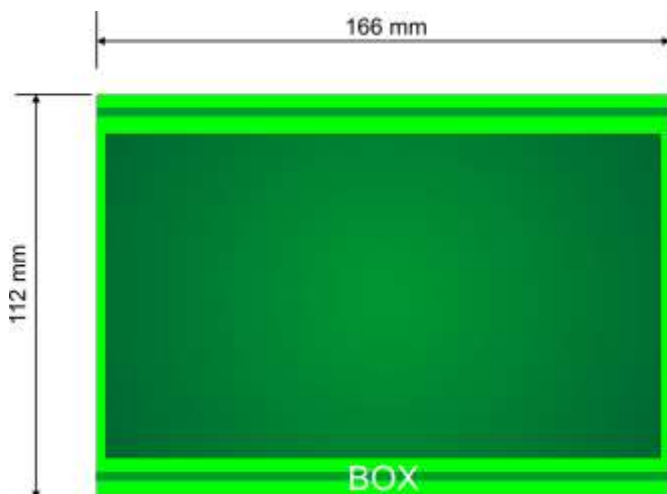


FRAMEWORK Component and **COMPACT FRAMEWORK** (windows CE) Can be used with Visual Studio VTB generate a DLL component .NET simplifying the user interface from PC

Specifications NGQx

NGQx CPU

CPU	MCF 51JM128 a 48MHz
RAM	16 Kb System Ram – 128 Kb Flash code – 16 Kb Fram
RS232	2 – RS232 (1- RS485) with ModBus RTU master/slave
CANOPEN	1 – Master/Slave DS301 DS401 DS402
DIGITAL INPUTS	11 – PNP 24 Vdc Opto
ANALOG INPUTS	1 – 12 bit
ENCODER INPUTS	2 – Line Drive 400 Khz
DIGITAL OUTPUTS	8 – PNP 24 Vdc Opto up to 1,2 A
ANALOG OUTPUTS	2 – +/- 10 V 12 bit
RELE' OUTPUTS	2 – 1A 35 V max
INTERPOLATION	Linear – Circular - Helical
AXES INTERPOLATION	2 - +/- 10V with Encoder Loop
AXES POSITIONED	4 CanOpen 2 - +/- 10V with Encoder Loop
POWER SUPPLY	24 Vdc 2,6 W Only CPU (No I/O)
TEMPERATURE	From -20° C To +70° C
IP LEVEL	IP00
DIMENSIONS (mm)	L166 H112 P40



ORDER CODE NGQx

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NGQ/	
A	1 – Analog Inputs 5 V
B	1 – Analog Inputs 12 V
C	1 – Analog Inputs 10 V
D	1 – Analog Inputs 4-20 Ma
E	1 – Analog Inputs 24 V
0	2 – RS232 Ports
1	1 – RS232 on SER1 Port 1 – RS485 on SER2 Port



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