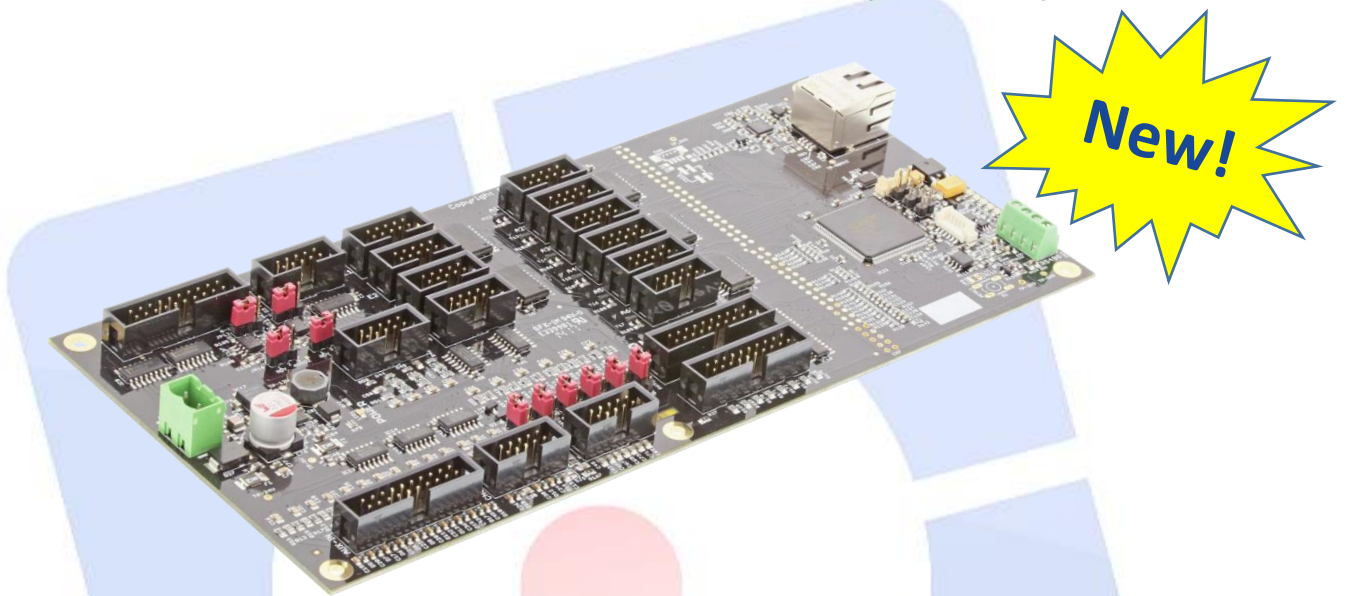


## CNC760 – 6-Axis CNC Controller (400kHz)



The latest product from Eding CNC. This CNC controller is the first of a new generation of Eding CNC controllers. Besides a standard 100Mbit Ethernet interface, the step frequency is increased to 400 kHz. There are also now 4 extra extruder interfaces available for 3D printing application.

A high-end CNC controller at a very competitive price with many interfaces already included making it the foundation for building a professional CNC machines. A few examples of its interfaces:

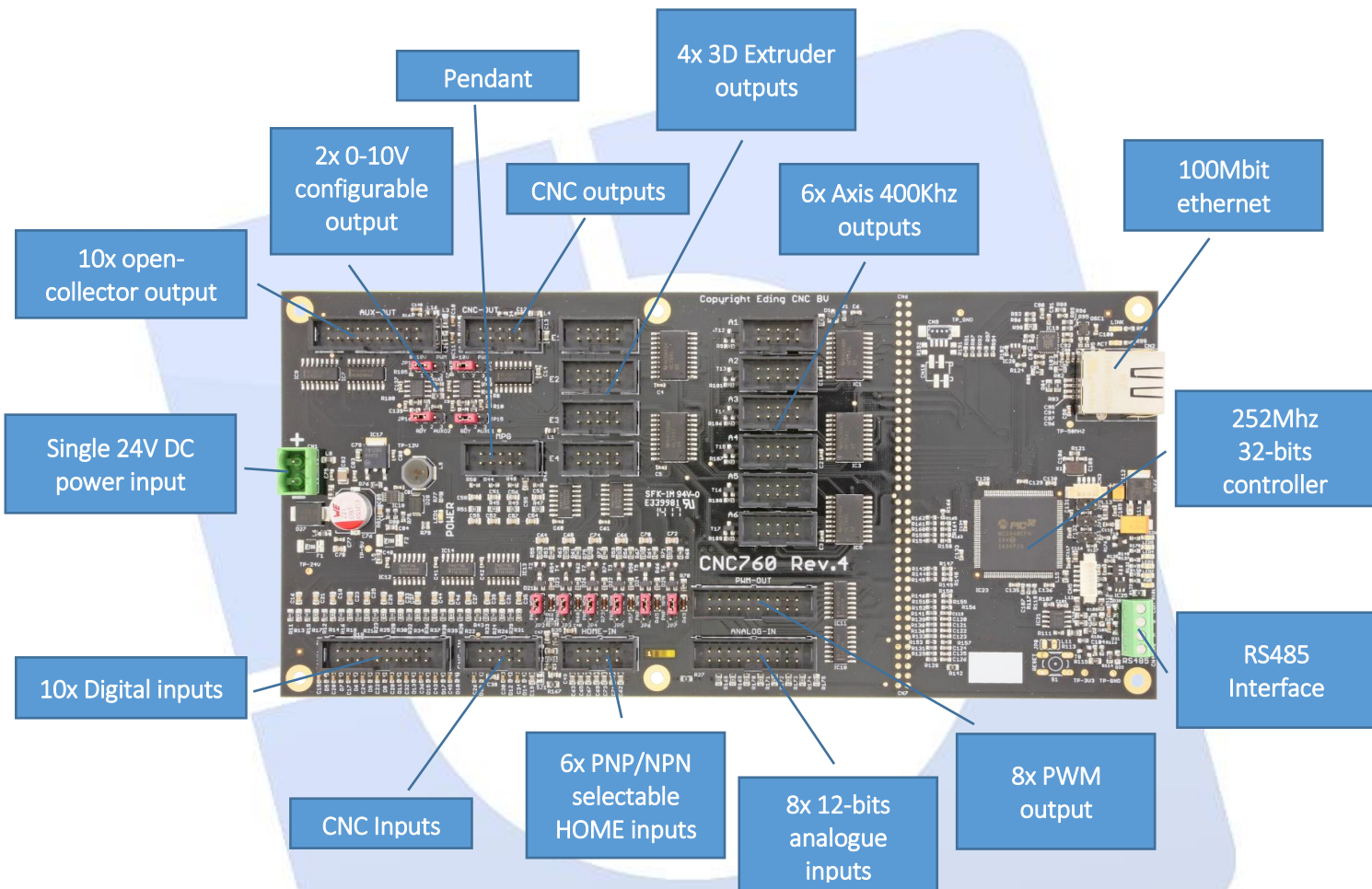
Digital I/O, analog inputs, 0-10V outputs, PWM outputs, pendant interface, support for numerous ways of cooling, protection in and outputs and more....

This product is of course fully supported by Eding CNC software solution.

# Technical Specifications

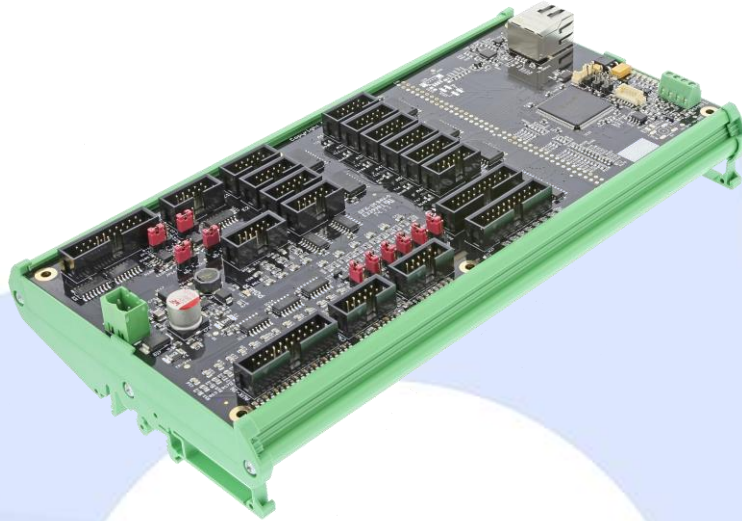
|                                   |  |  |
|-----------------------------------|--|--|
| 6x axis controller interface      | Puls/Direction   | 5V (max. 400Khz)                                     |
|                                   | Enable   | 5V or open-collector (max. 24V)                      |
|                                   | Alarm  |  |
| 4x extruder interface             | Enable/Direction/Step  | 5V   |
| 6x digital HOME inputs            | Max. 24V   |  |
| 10x digital outputs               | Open collector (max. 24V)  |  |
| 10x digital inputs                | Max. 24V   |  |
| 8x analog inputs                  | 0-3.3v (12 bits)   |  |
| 2x analog outputs                 | 0-10V  |  |
| 2x cooling outputs                | Open collector (max. 24V)  |  |
| 8x PWM outputs                    | Open collector (max. 24V)  |  |
| Safety relay I/O                  | Output System Ready  | Output for safety relay (Watchdog)<br>Open Collector |
|                                   | Input External Error   | 24V  |
|                                   | Input E-Stop   | 24V  |
| 1x Length detection input (Probe) | Max. 24V   |  |
| 1x Spindle encoder input          | 5V input   |  |
| 1x RS485 interface                | RS485, MODBUS compatible (for connecting extra I/O or functionality, cable length up to 20m) |  |
| Handwheel interface (Pendant)     | 2x digital input   |  |
|                                   | 2x MPG input   | 5V   |
|                                   | 2x dedicated analog input  | 0-3.3V   |
| Interface                         | 100Mbit Ethernet   |  |
| Power Supply                      | 24VDC  |  |
| Dimension                         | 230x107mm (suitable for DIN rail mounting)   |  |
| Others                            | Firmware upgradable through network connection   |  |

# Controller overview

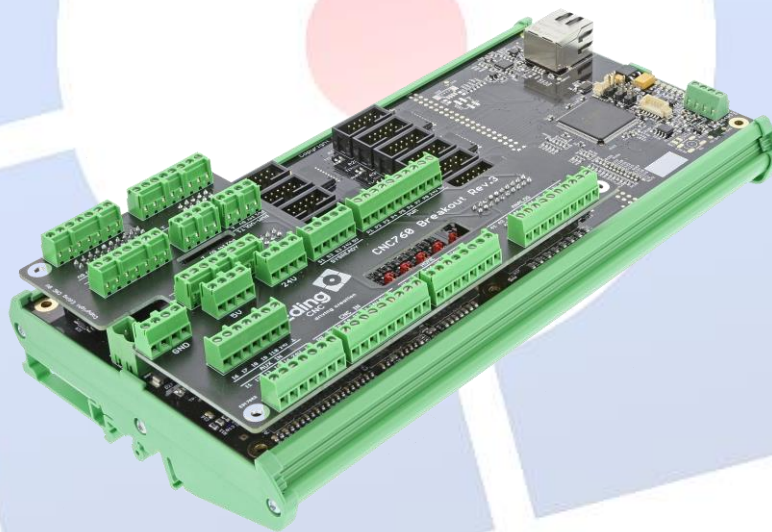


## Available Accessories

- CNC760 with DIN Rail Mount:



- CNC760 with DIN Rail Mount and Breakout Board:



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