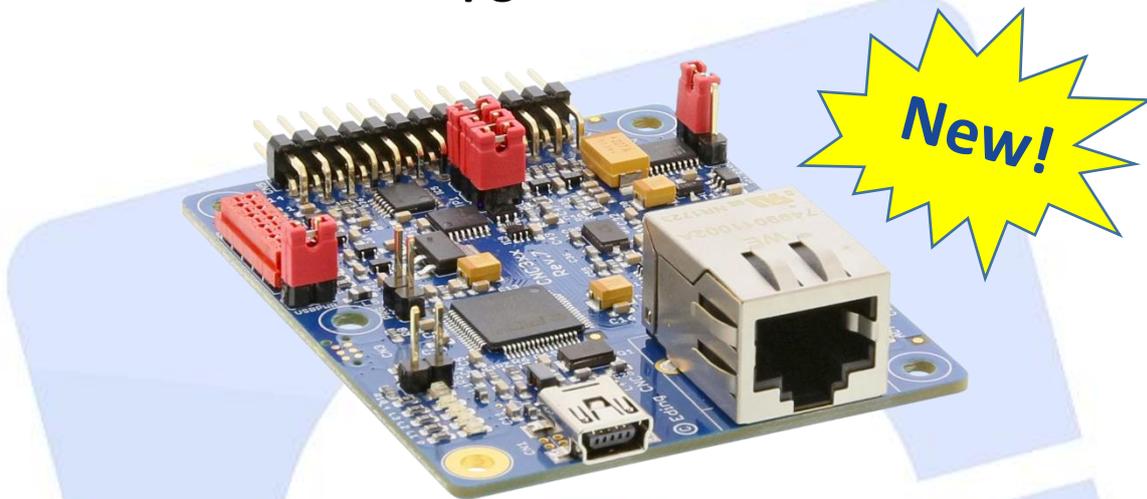


CNC310 Starter – Upgradable 3-Axis CNC Controller



The smallest CNC controller from Eding CNC. This controller controls up to 3-axis with a 125kHz step frequency via its USB interface with Eding CNC Starter Software. This enables you to do 2.5D CNC operations. But wait...you need more?

It can be upgraded if you need more. You can purchase separate licenses for upgrading to 4th axis, network connection or use of our full software suite. So, if you need to, you can go to full 3D CNC operations.

It's ideally suited to start to build your first CNC machine, and if you have out grown this board you can simply upgrade to our more powerful controllers...without starting from scratch to understand the controllers or the software.

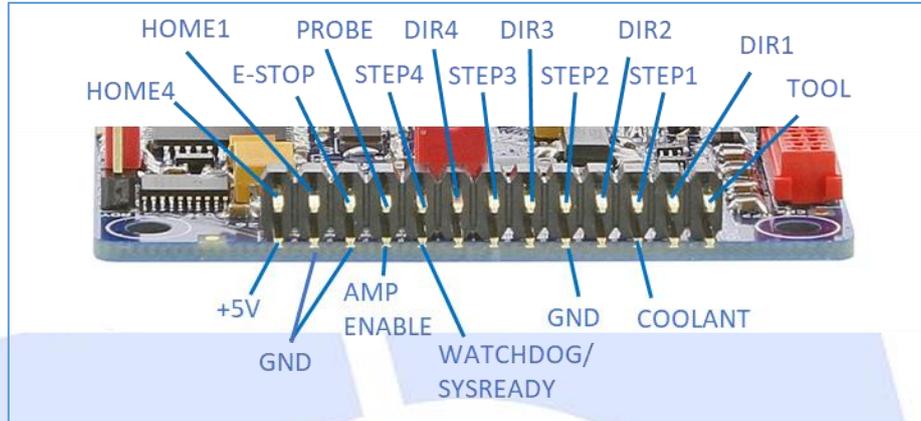
Sometimes great things do come in small packages...

Technical Specifications

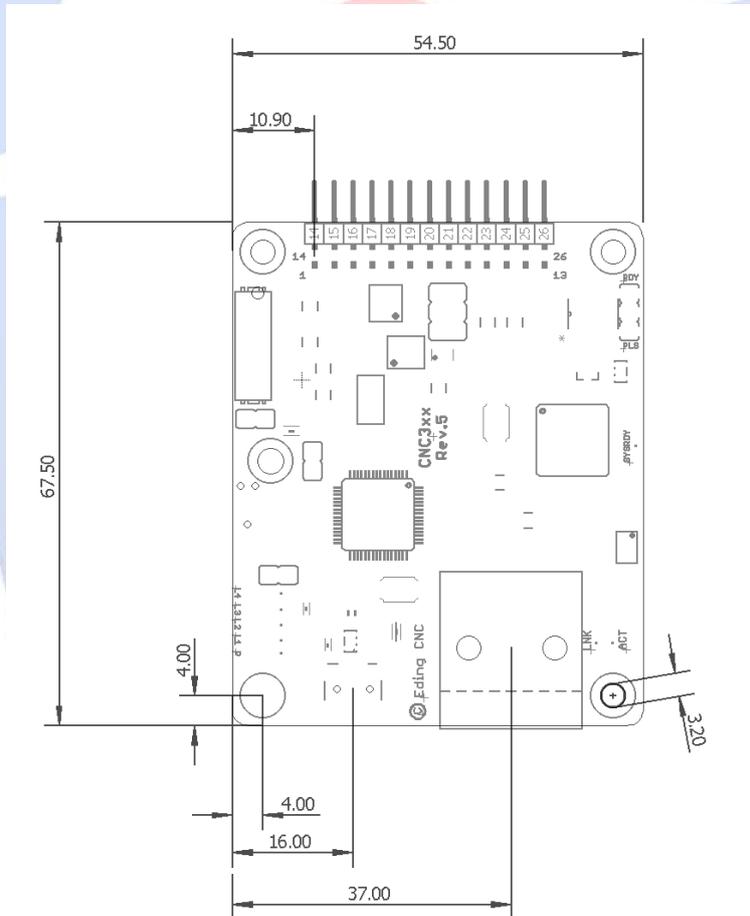
| | | |
|--|--|------------------|
| 3x (4x) axis controller interface | Puls output | 5V (max. 125Khz) |
| | Direction output | 5V |
| | Enable | 5V |
| 1x (2x) digital HOME inputs | Max. 5V (X, Y, Z home are connected in series) | |
| 1x Probe/tool setter input | Max. 5V | |
| 1x E-Stop input | Max. 5V | |
| 1x Cooling outputs | 5V TTL | |
| 1x Watchdog/SYSREADY output | 5V TTL | |
| Handwheel interface (Pendant) full-software only | 2x digital input | Run/Pause |
| | 2x MPG input | 5V |
| | | |
| Interface | Default USB, optional 100Mbit Ethernet | |
| Power Supply | 5VDC | |
| Dimension | 54.5x67.50mm | |
| Others | Firmware upgradable through USB connection | |

Note: the board default works with Eding CNC Starter software but is upgradable to the full software suite for 3D CNC applications.

CNC310 Connector overview

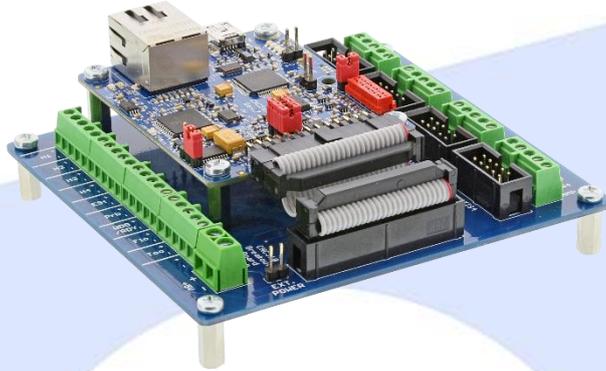


CNC310 Mechanical dimensions



Available Accessories

- CNC310 with Break Out



- CNC310 with DIN Rail Mount and Breakout Board:



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