

4 Axis USBCNC 2.1 Substitute MACH3 BOARD.

New 4 Axis USB CNC Controller CNCUSB USBCNC CNC USB Alternative MACH3 USBCNC 2.1



4 Axis USB CNC Controller CNCUSB USBCNC CNC USB Alternative MACH3 USBCNC 2.1 MK1 #A251A

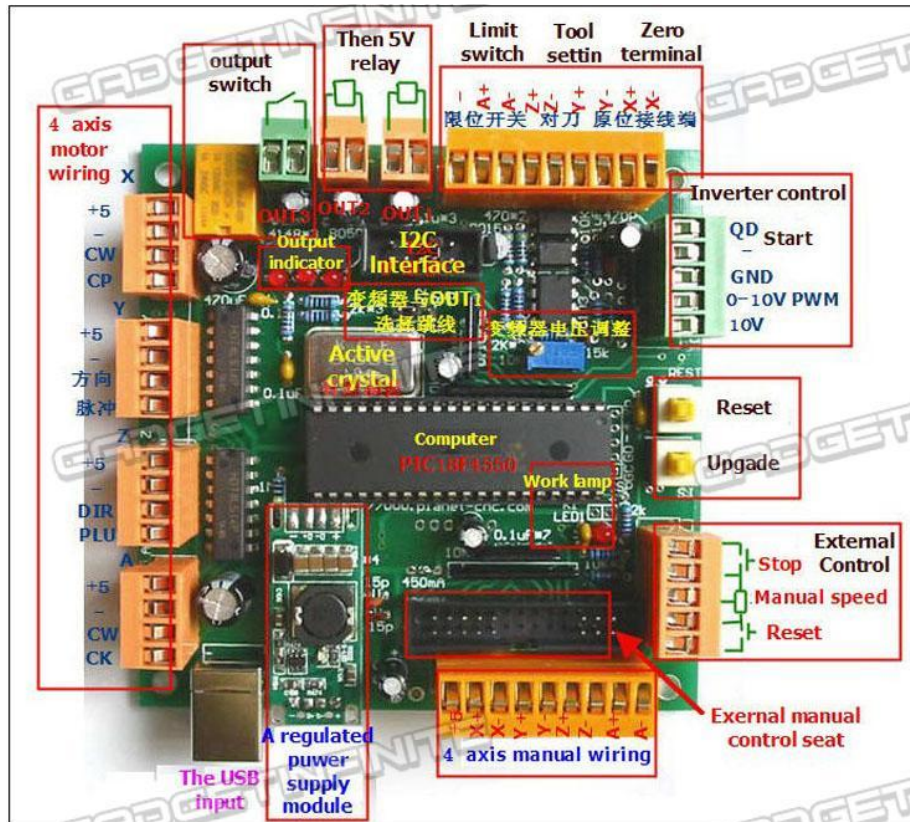
Specifications:

- 1.Works on MacOS X (Snow Leopard 10.6.3) with virtual machine emulating Windows XP SP3
- 2.USB (V2.x) from PC/Laptop running Windows XP, Vista or Windows 7 (32 bit or 64bit)
- 3.Motor driver connector pin-out is compatible with 10 pin open source interface (Linistepper, PICStep)
- 4.controller works with most step/dir stepper and servo motor drivers available on the market
- 5.buffered IO for maximum performance
- 6.advanced interpolation algorithms
- 7.start, stop, pause and resume execution of program on your machine
- 8.standard RS274/NGC G-code (EMC2 compatible)
- 9.advanced G-codes - G40, G41, G42 (Cutter Radius Compensation) supported
- 10.advanced G-codes - G43, G49 (Tool Length Offsets) supported
- 11.advanced G-codes - G54, G59.3 (Coordinate System Origins) supported
- 12.tested with SolidCAM, MasterCAM, ArtCAM, Vectric, CamBam, MeshCAM ... generated G-code
- 14.Profil 4-axes and 3-axes G-code supported
15. import toolpath from DXF files

- 16.import toolpath from PLT/HPGL files
- 17.import toolpath from image files
- 18.import toolpath from NC-Drill (Excellon) files
- 19.import toolpath from Gerber (RS-274X) files
- 20.toolpath simulation
- 21.automatic homing procedure
- 22.advanced toolchange procedures
- 23.automatic tool length measuring
- 24.export toolpath to G-code
- 25.export toolpath to DXF
- 26.SDK (software developers kit) is available
- 27.25 kHz maximum step frequency
- 28.3 digital outputs (flood, mist, spindle)
- 29.12 us minimum pulse width
- 30.manual jog inputs for all axes
- 31.limit inputs for all axes
- 32.control external devices with I2C protocol

Package includes:

- 1 *USB 2.1 Cable
- 1 * 4 Axis USBCNC 2.1 Substitute MACH3 Interface Board---MK1



Previous: [471K 10KV 10000V High Voltage Ceramic Capacitor\(10-Pack\)](#)

Next: [DUALSKY XM4250EA-4 1100KV Brushless Motor for RC Helicopter Airplane](#)