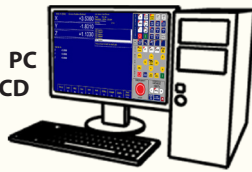


# "All-in-1-DC" Single Board DC Servo CNC Controller

Includes Motion Control CPU, **On-board 3-axis DC servo motor drive** (expandable to 6 axis total), 16 IN 9 Relay OUT CNC PLC and Spindle Control  
 CNC software sold separately, Centroid "Pro" CNC12 license \$549, "Ultimate" \$995, see website for details.

## CNC PC choices:

Use your Windows 10/11 PC and your Touch Screen LCD



OR:



OR:



OR:

Touch Screen CENTROID CNC Console



Two console variations to choose from  
 - CNC console w/ built-in NUC CNCPC **\$3365** (#13181)  
 - Panel Mount w/ NUC CNCPC **\$2990** (#13934)  
 See console brochure for list of options and accessories: [www.centroidcnc.com/downloads.htm](http://www.centroidcnc.com/downloads.htm)



Optional Operator's Control Panel  
**\$810** (#11077)

\*must meet minimum performance requirements, you install software.

**All-in-One Touchscreen PC \$1350**  
 Windows 10/11 pre configured, & CNC12 "Free" installed.

**Centroid NUC CNC PC \$1050**  
 Windows 10/11 pre configured, & CNC12 "Free" installed.

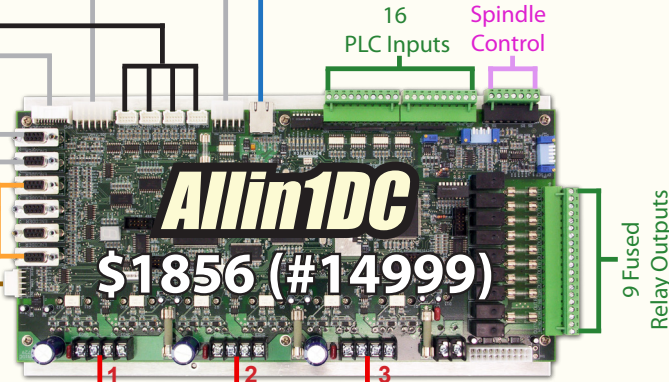


Optional **Wireless MPG Control Pendant \$299** (#8928)  
 Requires v4.16+ and Pro License



Optional **Wired Manual Pulse Generator (MPG) \$335** (#11069)

Additional Encoders or Scales



**Allin1DC \$1856 (#14999)**



Touch Probe **KP-3 \$699** (#14944)

Auto Tool Set  
**- TT-4 \$660** (#15134)  
**- TT-1 \$525** (#15207)

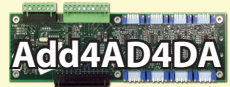


## Optional I/O Expansion Boards

Add up to 4 in any combination for up to **272 IN / 272 OUT**

Note: The Allin1DC includes enough pre configured I/O for typical milling machine/lathe applications, optional expansion boards are available for complex retrofits requiring additional I/O above and beyond the included I/O.

**PLC Add 1616** 16 Inputs (5, 12, 24 VDC) 16 Relay Outputs  
**\$455** (#11025)

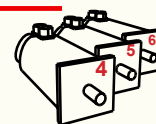
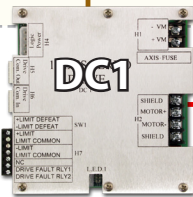


**Add4AD4DA** 4 Digital to Analog Outputs 4 Analog to Digital Inputs  
**\$600** (#11141)

**PLCAdd6464** 64 Inputs 5V non isolated 64 Outputs Open Collector  
**\$1390** (#11212)

64 Inputs 5V non isolated 64 Outputs Open Collector

Optional DC1 Single Axis DC Servo Drive **Add a 4th, 5th or 6th axis! For up to 6 axes total \$640 each** (#11112)



**Use your DC Servo Motors** Up to 40 in lb (4.52 Nm)

**-OR-**

**Add CENTROID DC Servo motors (encoders and cable installed, 180 VDC max) No transformer needed**

- 16 in-lb w/16ft cable: **\$1275** each (#10667)\*\*
- 29 in-lb w/16ft cable: **\$1350** each (#10816)\*\*
- 40 in-lb w/16ft cable: **\$1595** each (#10935)\*\*
- Motor Cable (custom lengths over 16ft (4.8m)): **+\$7/ft**
- 7 in-lb, 10 in-lb and 40 in-lb w/brake also available, call for \$

**Encoders for existing motor encoder upgrade or replacement use**

- 2000 line (8000 counts per rev.) differential quadrature encoders available sizes: fits over 6mm, 1/4", 3/8", 1/2" shaft: **\$240** each
- 10,000 line (40,000 counts per rev.) differential quadrature encoders: fits over 6mm shaft **\$285** each

DC Power Supply "Cap and Bridge combo" (No Transformer, use your own):  
 110 VAC **\$175** (#10766), 220VAC/440VAC **\$175** (#10767), 220 VAC 3 Phase **\$210**  
 110 VAC to 117 VDC Power Supply with Transformer **\$665** (#10537)  
 220 / 440 VAC to 117 VDC Power Supply **\$1225** (#10010)

- Centroid CNC Control Software**  
 CNC12 Mill(#15002) or Lathe(#15003) Pro License **\$549**  
 CNC12 Mill(#15004) or Lathe(#15005) Ultimate License **\$995**  
**Console, Display, & Cabinet opt. mounting hardware**  
 6' Conduit and Cable package\* for console **\$430** (#11028)  
 Custom Length Console Cable for over 6ft add **\$28.50/ft** (#14025)  
 Console mounting arm kit (2,3,4,5' Straight or 2.5 Z ) **\$525** (#13933)  
 Console to Arm mounting hardware w/swivel mount **\$265** (#14752)  
 Console to Arm mounting hardware (direct mount) **\$135** (#13932)  
 Console Rolling Floor Stand **\$595** (#8445)  
**Related Hardware and Cable kits**  
 Operators Pendant mounting hardware **\$86** (#10491)  
 MPG internal cable 20' w/bulkhead con. **\$125** (#11086)  
 Probe internal cable 6' w/bulkhead con. **\$40** (#11211)  
 Operators control panel internal cable 20' **\$55** (#11029)  
 OEM/DIY console cable connector set **\$35** (#13138)

\* Pre assembled, standard length: 6 ft. of conduit combined with 16' of cable.

Effective 6-16-22