Board Level CNC Control, MPU11 w/CENTROID AC/DC Servo drive
Motion Controller, Drive Interface, and PLC (MPU11 & GPIO4D for use with AC/DC drive Up to 8 Axes)
Starting at $2345 with CENTROID Mill or Lathe software

**Optional PLC I/O Expansion Boards**
Add more I/O, up to 4 in any combination for up to 272 In / 272Out

- PLC Add 1616
  - 16 Inputs (5, 12, 24 VDC)
  - 16 Relay Outputs
  - $395 (#11025)

- Add4AD4DA
  - 4 Digital to Analog Outputs
  - 4 Analog to Digital Inputs
  - $525 (#11141)

- PLC Add 6464
  - 64 Inputs 5V non isolated
  - 64 Outputs Open Collector
  - $1300 (#11212)

**Optional Touch Probe&Software**
- DP-4 $1590 (#10405)
- DP-7 $4200 (#12431)
- Optional Auto Tool Set
  - TT-2 $1350 (#12486)
  - TT-1 $725 (#10220)

**Optional Touch Probe&Software**
- DP-4 $1590 (#10405)
- DP-7 $4200 (#12431)
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  - TT-2 $1350 (#12486)
  - TT-1 $725 (#10220)

**Additional Encoders or Scales**
- MPU11 & GPIO4D
  - $2345 with CENTROID Mill or Lathe CNC Software (#11022)

**CNC PC choices:**
Your Windows 7 or 8 PC
- OR: Our CNC PC $1175 cabinet mount (#11084) & your display
- OR: Our All-in-one PC $1200 (11084tb)

**Fiber Optic Cables (Included)**
- Base Kit Includes: MPU11 & GPIO4D $2345

**Fiber Optic Cables (Included)**
- MPU11 CNC Motion Controller

**Additional Encoder or Scales**
- Optional Manual Pulse Generator (MPG) $495 (#11069)

**Console, Display, & Cabinet opt. mounting hardware**
- Console ext. cable in conduit (6 ft) $395 (#11028)
- Console cable in conduit (over 6ft) $28.50/ft (#11028)
- Console mounting arm $299 (#10636)
- Console swivel mount (use w/ your arm) $125 (#10834)
- Rolling cabinet stand and display tray $595 (#10512)
- Rolling console stand $575 (#10695)
- Display/keyboard tray with arm $475 (#11029)
- Operators Pendant mounting hardware $76 (#10491)
- MPG internal cable 20' w/bulkhead con. $125 (#11086)
- Probe internal cable 20' w/bulkhead con. $50 (#11085)
- Operators control panel internal cable 20' w/bulkhead con. $50 (#11085)
- OEM/DIY console cable connector set $35 (#13138)

**Effective 3-14-15**

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All prices and specifications subject to change without notice. FANUC is a registered trademark of FANUC Ltd. *at time of purchase. This price sheet supersedes all previous pricing.
OAK Board: Single board CNC Controller
Built-in: 4-Axis 3rd Party Digital Servo Drive Interface, Spindle Control and CNC PLC (16 in/9 relay out)
Starting at $1595 with CENTROID Mill or Lathe software

**CNC PC choices:**

Your Windows 7/8 PC
*must meet minimum performance requirements, you install software.

**OR:**

- Our CNC PC $1175 cabinet mount (#11084) & your display (factory installed software)
- Our CNC console $3350 (#11082) Panel Mount console $2675 (#11170) Touch screen option $495 (#12568)

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  - 4 Digital to Analog Outputs
  - 4 Analog to Digital Inputs
  - $525 (#11141)

- **PLC Add 6464**
  - 64 Inputs 5V non isolated
  - 64 Outputs Open Collector
  - $1300 (#11212)

**CENTROID Servo Drive Interface**
Optional: Servo drives, Optical drive interface and Encoder expansion board. Connect up to 4 via daisy chain
Add up to 4 additional axes, up to 8 axes total

- **CENTROID AC/DC servo drive**
  - 30 amp AC/DC-30 $1370 each(#12854)
  - 60 amp AC/DC-60 $1490 each(#12855)

- **CENTROID DC1 servo drive**
  - $585 each (#11112)

- **CENTROID OpticDirect drive interface**
  - $450 (#12554)

- **CENTROID Encoder Expansion Board**
  - $395 (#13085)

**Optional Pulse Generator (MPG)**

- **$495 (#11069)**

**Optional Touch Probe & Software**

- **DP-4 $1590 (#10405)**
- **DP-7 $4200 (#12431)**

**Optional Operator's Control Panel**

- **$765 (#11077)**

**Optional Auto Tool Set**

- **TT-2 $1350 (#12486)**
- **TT-1 $725 (#10220)**

**Panel Mount console**

- Touch screen option $495 (#12568)

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