

OAK: Single board CNC Controller 4 axis standard, expandable to 5,6,7 or 8 axis.

Built-in: 4-Axis Digital Servo Drive Interface, Spindle Control and CNC PLC (16 in/9 relay out)

CNC software sold separately, Centroid "Pro" CNC12 license, "Ultimate". see website for details.

CNC PC choices:

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



OR:



OR:



Centroid mini CNC PC
#15023
Windows 11 pre configured,
& CNC12 "Free" installed.

& your Touch Screen
LCD display



**OR: Touch Screen
CENTROID CNC Console**



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

Optional PLC I/O Expansion Boards

Add more I/O, up to 4 (in any combination)
for up to **272 IN / 272 OUT**



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



Add4AD4DA
4 Digital to Analog Outputs
4 Analog to Digital Inputs
(#11141)



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

Additional CENTROID Servo Drive Interface Options

Optional: Servo drives, Optical drive interface
and Encoder expansion board.
Connect up to 4 via daisy chain

Easily add a 5th,6th,7th or 8th axis. OpticDirect
allows you to add an additional axis to the OAK
board's built in 4 axis communication. One Optic
Direct adds one additional axis to the system.



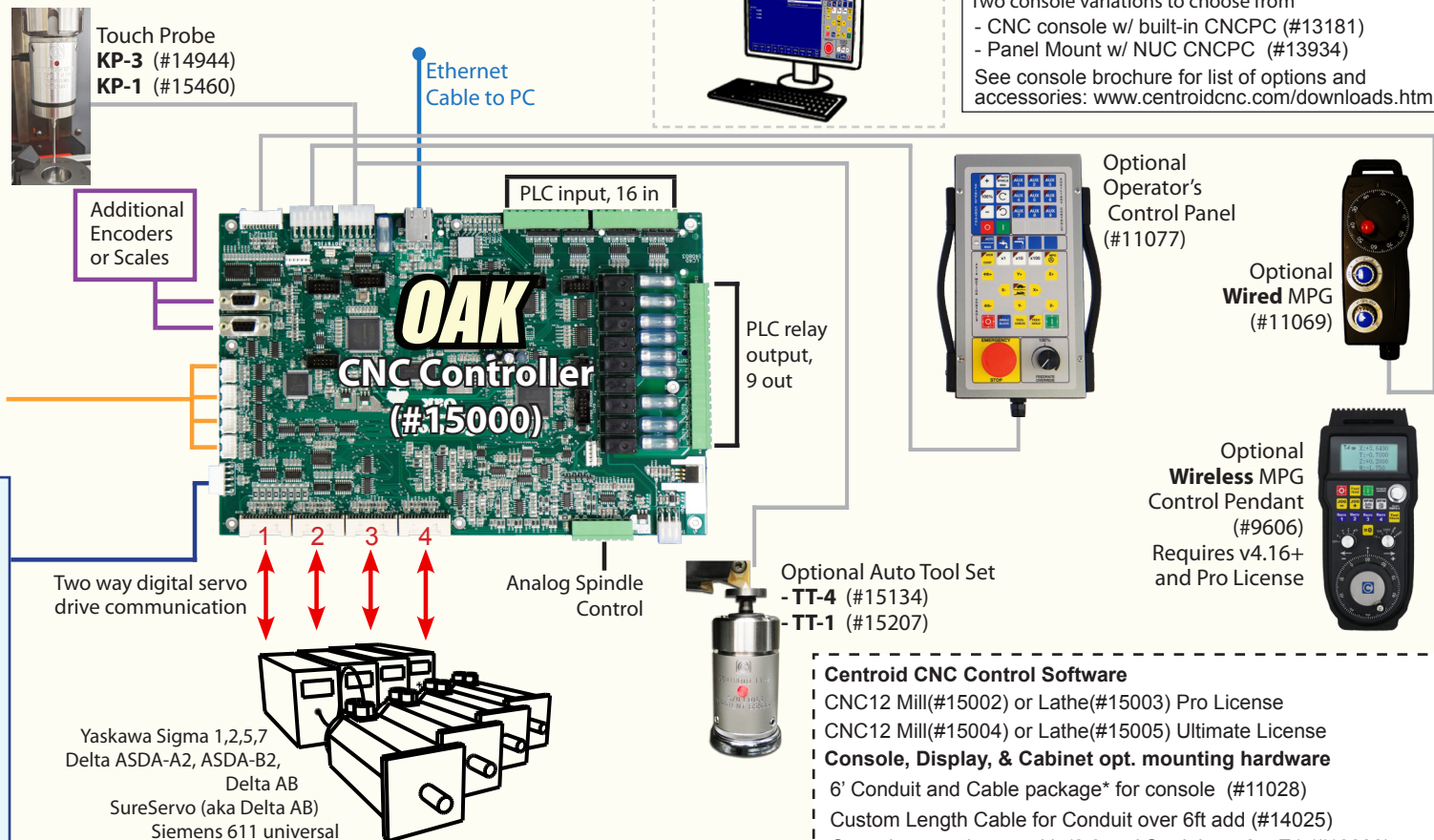
CENTROID OpticDirect
Servo drive interface (#13189)
(drive communication via fiber optics)



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

CENTROID Encoder Expansion Board

(adds 6 more encoder ports)
(#13085)



Yaskawa Sigma 1,2,5,7
Delta ASDA-A2, ASDA-B2,
Delta AB
SureServo (aka Delta AB)
Siemens 611 universal

Oak Plug and Play Drive Interface Cables

Delta ASDA-A2 interface cable (#13131)
Yaskawa Sigma 1,2,5,7 interface cable (#13134)
SureServo2 interface cable (#15236)
"Flying lead" cable for connection to other drives (#13133)
(such as: Delta ASDA-B2, Siemens 611 which use flying lead)

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

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All prices and specifications subject to change without notice.
This price sheet supersedes all previous pricing.

Centroid CNC Control Software

CNC12 Mill(#15002) or Lathe(#15003) Pro License
CNC12 Mill(#15004) or Lathe(#15005) Ultimate License

Console, Display, & Cabinet opt. mounting hardware

6' Conduit and Cable package* for console (#11028)
Custom Length Cable for Conduit over 6ft add (#14025)
Console mounting arm kit (2,3,4,5' Straight or 2.5 Z) (#13933)
Console to Arm mounting hardware w/swivel mount (#14752)
Console to Arm mounting hardware (direct mount) (#13932)
Console Rolling Floor Stand (#8445)

Related Hardware and Cable kits

Operators Pendant mounting hardware (#10491)
MPG internal cable 20' w/bulkhead con. (#11086)
Probe internal cable 6' w/bulkhead con. (#11211)
Operators control panel internal cable 20' (#11029)
OEM/DIY console cable connector set (#13138)