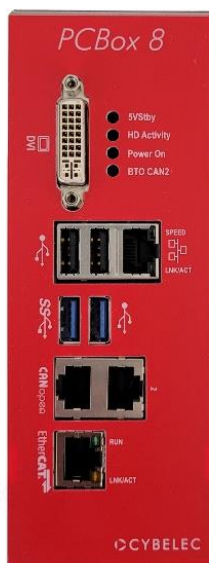




## PCBox8

### Intuitive programming

PCBox 8 is a compact Windows 10 based CNC that can be integrated in the electrical cabinet of any machine tools. It can be especially useful for OEM's wanting to use their own screen instead of VisiTouch CNC screen.



- Unique programming experience thanks to its modern and friendly HMI.
- Compatible solution for retrofitting CNC machine tool.
- Open system allowing high level of customization.
- Multi-channels architecture.
- Interface to external devices such as probing and measuring tools.
- Full digital with CANopen® and EtherCAT® field buses controlling many axes.
- Interface to all kind of systems, I/O and analog axes thanks to the CybIO module located inside the cabinets.

## Main features

- User friendly HMI, thanks to intuitive programming.
- Highest precision thanks to sophisticated algorithms (developed especially for the Swiss watch industry quality).
- Production management thanks to the Industry 4.0 ready.
- Remote control.
- Counter for number of manufactured workpieces
- Multi spindles management
- Various coordinate transformation management
- Double measurement management
- Friction compensation
- Backlash compensation
- 5-axis interpolation
- All kinematics available.
- Parallel kinematic management up to 6 interpolated axes
- Fast inter-operation, optimized movements.
- Set up with dedicated wizards (auto-tuning).
- Axis calibration (correction table)
- Probing cycles
- Tool life management
- Tool measurement
- Tool changer in hidden time
- Plugin architecture to implement specific functionalities such as customized HMI interface and dedicated automation and motion control cycles.
- Station pallet transfer management
- Able to replace PC-Box4 and PC-Box5 PC-based solutions.
- Compact solution in comparison to the Cyb-CNC3 board.

## Ordering information

- Turning
- Drilling
- Grinding
- Punching
- Laser cutting

## Ordering information

- **BPC-80MO** VisiTouch PCBox MO, 1 ISO channel.

