# PMC6 High-End Laser Marking Controller

## Advanced PCIe Bus Laser Marking Controller

## Intro

PMC6 is a PCIe interface high-performance laser marking controller. It supports digital scanner and very kinds of communication protocol. Provide sufficient I/O pins for variety application. The user could easily connect to automation and equipment, even for some kinds of laser that require IO. Build-in complete motor motion supports stepper and servo motor, and the card can control 4 axes simultaneously. Provide very kinds of cable for easy wiring frequently used equipment.

## Feature

- Support common used brands of 16、18、20 Bit high-resolution scanner.
- Support output up to 3 axes digital scanner signal * 2.
- Build-in DSP, marking computing does not hold CPU time.
- Galvo-motor-position updating rate at 10µs.
- FPK, PPK, R05 first pulse suppression.
- Two 16 Bit analog control signals.
- Support 3-axis encoder inputs, for usage such as detection object position of fly-marking and XY table.
- PWM maximum output frequency is 10MHz, the minimum pulse width is 0.05µs.
- Support 4-axis motor control signals, the maximum output frequency is 10MHz.
- General 16 digital point outputs and inputs.
- Specific 16 laser control digital outputs.
- Support for Windows XP / 2000 / Vista / 7 / 8 / 8.1 / 10.