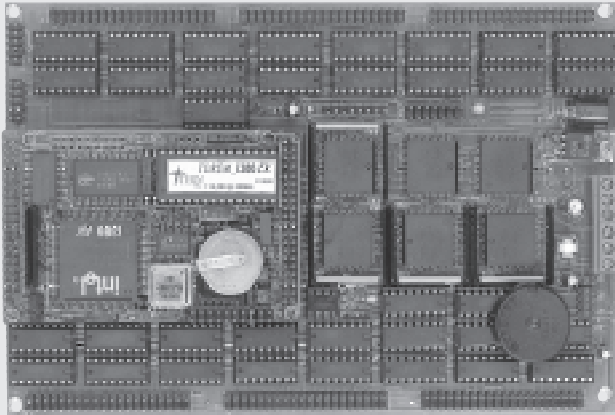


# P300™

I/O Board

**300+ I/Os, 240 solenoid drivers**

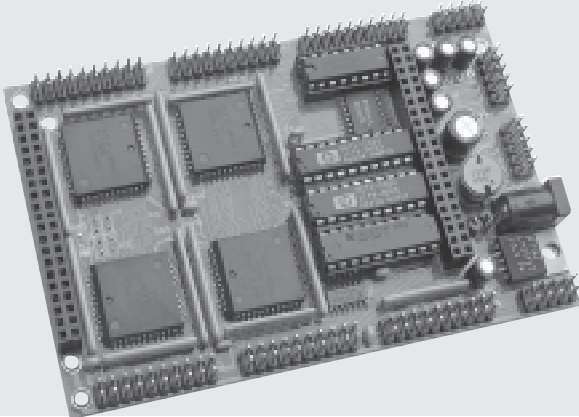


**Features:**

- 7.5x5.0x0.75" • -40 degreesC to +80degreesC
- 264 I/Os with buffered 240 high voltage drivers (ULN2003)
- 5V switching regulator\*, RS-232 and RS-485 drivers

# P100™

**2 Quad. Decoders, 7 solenoid drivers**



**Features:**

- 4.4x2.9x0.5" • -40 degreesC to +80degreesC
- 24x4 TTL I/O lines from 4 PPIs, 7 solenoid drivers
- 2 quadrature decoders (HP2020) for motion control

The **P100™** or **300™** must be driven by an Engine™ controller. The 240 high-voltage I/Os are hardware-configurable as inputs (30V) or outputs (350 mA@50V). Two RS-232, one RS-485 driver, and a 5V linear regulator are on-board.

**Ordering Information**

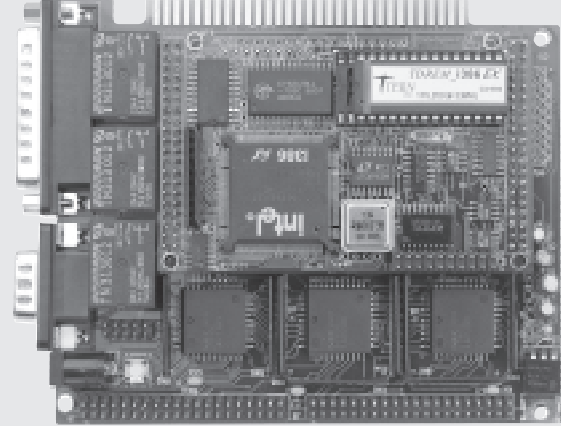
<b>P100</b>	<b>\$99/\$89/\$79</b>	<b>Qty 1/50/100+</b>
<b>P300</b>	<b>\$399/\$299/\$199</b>	<b>Qty 1/50/100+</b>

- 1) Switching regulator ..... \$30
- 2) Quadrature decoder (HP2020) up to 2 (P100 only) .... \$30 each

# PC-Co™ (PC)

I/O Board

**100 I/Os, 4 serial ports, 3 power relays**



**Features:**

- 4.9x4.2" • -40 degrees C to +80 degrees C
- Power consumption: < 200mA • Up to 100 I/O lines
- Up to 4\* RS232/RS485 drivers
- 4 solenoid drivers • LCD interface
- 3 power relays with NO, NC, COM
- Driven by **i386-Engine™**, **A-Engine™**, **C-Engine™**, or **V25-Engine™**

\* optional

The **PC-Co™ (PC)** is a low-cost I/O board with up to 100 I/O lines and a PC-ISA bus. You may use the **PC-Co™** as a standalone controller or install it in a PC ISA slot, as a co-processor board. It contains three power relays (5 A). It also has four solenoid drivers (350 mA, 50V). Three PPIs (82C55) provide 72 I/O lines. An interface supports LCD modules.

The **PC-Co™** supports up to four RS-232 ports. The SCC2691 UARTs can be RS-485.

A DB25 connector provides three power relay contacts (NC, NO, COM), four solenoid drivers, and nine TTL I/O lines from the **IE/AE**.

**Ordering Information**

<b>PC-Co</b>	<b>\$129</b>	<b>Qty 1</b>
--------------	--------------	--------------

Includes: 3 power relays, 72 I/O lines, an interface for LCDs, 4 solenoid drivers, 2 RS-232 drivers, +5V, -12V power supply.

NOT including add-on options. **IE/AE/VE** NOT included.

**Add-on Options:**

- 1) UART (SCC2691) (a) RS232 or (b) RS485 ..... \$30
- 2) Low-power version ..... \$25

**Typical Order Example:**

**PC-Co™** + Low-power version  
 PC + 2 = \$129 + \$25 = \$154



1724 Picasso Avenue, Davis, CA 95616 USA  
 Tel: 530-758-0180 • Fax: 530-758-0181

CE FC

sales@tern.com

http://www.tern.com