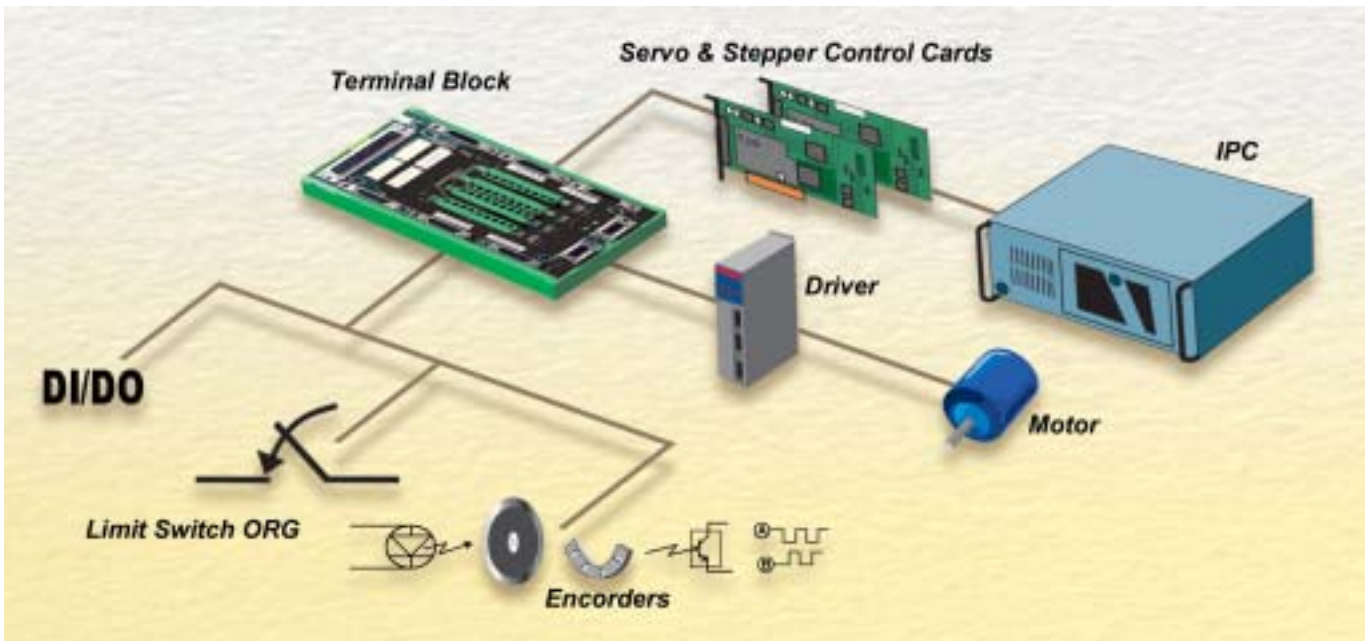


Motion Control Solutions

Overview

ADLINK motion products are designed for powerful yet simple applications in both point-to-point and advanced multi-axis coordinated motion systems. Unlike solutions from other vendors using stand-alone distributed motion control and closed-architecture systems, ADLINK's PC-based motion control solutions enable users not only to decrease the system cost but also to increase the flexibility as well as potential of the system. Moreover, all ADLINK's motion control products deliver accurate, high performance motion for all servo motor and step motor applications. Servo and step motors are widely used for positioning and velocity control in a variety of machine configurations. In the meantime, our motion controllers are programmable by BC3.1, VB, and VC++ under DOS/Windows/VxWorks operating systems.



Selection Guide

Bus Type	cPCI	PCI					
Classifications		Motion Control Card				Encoder/IO Card	
Model Name	cPCI-8168	PCI-8132	PCI-8134	PCI-8164	PCI-8372/66	PCI-8136	PCI-8133
No. of Axes	8	2	4	4	12/6	–	–
Command Type	Pulse	Pulse	Pulse	Pulse	SSCNET/Analog	6 Pulse outputs	–
Command Capacity	6.5 MHz	2.4 MHz	2.4 MHz	6.55 MHz		500 kHz	–
Speed command profile	T/S curve	T/S curve	T/S Curve	T/S Curve	T/S Curve	–	–
Linear Interpolation	Any 2-4 axes	2 axes	2 axes	Any of 2 axes	Any 2-12 axes	–	–
Circular Interpolation	Any 2 axes	–	–	Any of 2 axes	Any 2 axes	–	–
Position Compare	8	2	–	4	12/6	6	–
Compared Trigger	8	2	–	2	–	–	–
Continuous Triggering	–	By software	–	By hardware	–	–	–
Continuous Interpolation	Yes	–	–	Yes	Yes	–	–
Contour smoothing	–	–	–	–	Yes	–	–
Dedicated Motion I/O	Yes	Yes	Yes	Yes	Yes	–	–
DIO Channels	8DI/8DO	16DI/16DO	–	6 TTL DO	2DI/DO	19DI/7DO	16DI/16DO
Analog IO	4AI/4AO	–	–	–	2AO	6AI/6AO	–
PWM output	–	–	–	–	–	–	3 Channels
Encoder counters	8	2	4	4	3	6	3 (16-bit)
Terminal Boards	DIN-68S/2 DIN-100M15	DIN-812M or DIN-100M15	DIN-814M or DIN-100M15	DIN-814M or DIN-100M15	DIN-68S/2	DIN-100M15	DB-37
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