

PCI-Bus AD/DA Board		PCI-1802		PCI-1800		PCI-1602		PCI-1202		PCI-1002		PIO-821		PISO-813	
Optional		L	H	L	H	F		LU	HU	L	H	L	H		
Analog	Channel (*note1)	S.E.	32		16		32		32		32		16		32
		Diff.	16		8		16		16		16		8		-
	Resolution	12-bit		12-bit		16-bit		12-bit		12-bit		12-bit			
	Input Impedance	10,000MΩ												10MΩ	
	Gain *Refer Table 1	Low Gain	High Gain	Low Gain	High Gain	Low Gain		Low Gain	High Gain	Low Gain	High Gain	Low Gain	High Gain	Low Gain	
	Sampling Rate Max. (S/sec)	330K	44K	330K	44K	200K	100K	110K	40K	110K	44K	45K	45K	10K	
	Input Range *Refer Table 1	Bipolar /Unipolar				Bipolar		Bipolar/ Unipolar		Bipolar		Bipolar		Bipolar/ Unipolar	
	Trigger Mode	Internal	Software Trigger, Pacer Trigger												Software
		External	Post-trigger, Pre-trigger, Middle-trigger										-		
	Input	Channel Scan Method	Magic Scan								Software				
On-Board FIFOs		8K sample		1K sample (8K Option)		8K sample		1K sample (8K Option)		-					
Interrupt Source		-	-	-	-	-	-	-	-	ADC		ADC		-	
Bus Isolation		-												3000VDC	
Channel		2								-		1		-	
Analog Output	Resolution	12-bit												-	
	Output Range (Voltage)	-5~+5V - 10~+10V								-		0~+10V -0~+5V		-	
	Driving Current	±5 mA								-		±5 mA		-	

Digital Input Channel	16					-
Digital Output Channel	16					-
Counter/Timer	16bit			-	16-bit x 3	-
Dimensions(mm)	200x105	205x105	205x105	175x105	165x105	180x105

		Analog Input Range and Gain Table								
High Gain	Gain Value		0.5	1	5	10	50	100	500	1000
	Input Range(V)	Bipolar	-10~10	-5~5	-1~1	-0.5~0.5	-0.1~0.1	-0.05~0.05	-0.01~0.01	-0.005~0.0005
Unipolar			0~10		0~1		0~0.1		0~0.01	
Low Gain	Gain Value		0.5	1	2	4	8			
	Input Range(V)	Bipolar	-10~10	-5~5V	-2.5~2.5	-1.25~1.25	-0.625~0.625			
Unipolar		0~10	0~10	0~5	0~2.5	0~1.25				