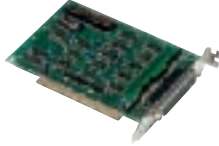
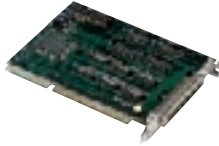
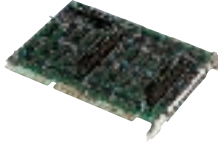
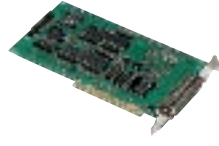
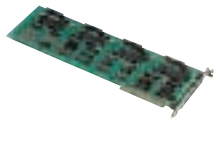
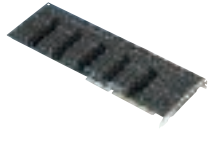
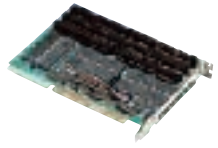


Maximum wiring distance will vary depending on the product specifications and environment.  
Cable choices listed below.

ISA	Model	TTL-Level Digital I/O Board	High Current Drive Bi-Directional Digital I/O Board	Bi-Directional TTL Digital I/O Board	
		PIO-16/16T(PC)H	PIO-32/32T(PC)	PIO-48D(PC)	PIO-48W(PC)
					
<b>SPECIFICATIONS</b>					
Input channels		16	32	48	48
Output channels		16	32		
I/O Circuit	Signal level	DC5V			
	Internal power	-			
Input specification	Input type	TTL-level Input			
	Interrupt	Can use 2 lines simultaneously IRQ 3~7, 9	Can use 4 lines simultaneously IRQ 3~7, 9~12, 14 and 15		Can use 4 lines simultaneously IRQ 3~7, 9
	Input resistance	10kΩ			
Output specification	Output type	Open collector output (negative logic), TTL	Open collector output	TTL-level Output with Buffer	TTL-level Output
	Output rating	+5VDC 40mA	+30VDC 40mA	+5VDC 24mA	+5VDC 1mA
Expansion function		-	Yes	-	
Response time (Max.)		200nsec			
Maximum distance		1.5m			
I/O address		Any 2-byte boundary	Any 4-byte boundary (normal) Any 16-byte boundary (optional)	Any 8-byte boundary	Any 16-bit boundary
Power consumption (Max.)		+5VDC 550mA	+5VDC 250mA	+5VDC 1.25A	+5VDC 430mA
Bus / Dimension		ISA XT / 5.5"(L) x 4.25"(H)	ISA AT / 6.5"(L) x 4.75"(H)		ISA XT / 7.4"(L) x 4.25"(H)
Connector		37-pin female D-type	96-pin half pitch connector (male)	50-pin header (male) x 2 37-pin femal D-type, 30-pin header (male)	
Option		Software ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32)			
		Accessories DTP-3(PC), DTP-4(PC), EPD-37 *1, EPD-37A *1, CM-32(PC), CM-32(PC)E *1			
		DTP-3(PC) *2, DTP-4(PC) *2, DTP-64 *3, EPD-96 *3, CCB-96 *3, CM-32(PC) *2, CM-64(PC)E *3		STP-50H(98), SCP-50H(98), PSD-50(98)J	
		Cables / Connector PCA37P-1.5, PCB37P-1.5, PCA37PS-0.5P/1.5P, PCB37PS-0.5P/1.5P		PCA50J	
		PCA96P-1.5, PCB96P-1.5, PCB96W-1.5, PCA96PS-0.5/1.5, PCB96PS-0.5/1.5, PCB96WS-1.5P		PCA37P, PCB37P, PCA37PS, PCB37PS, DT/O, DT/B2	
CE marking		Y	Y	Y	N

\*1: Cable PCB37P or PCB37PS is required.  
\*2: Cable PCB37W or PCB37WS is required.  
\*3: Cable PCB96P or PCB96PS is required.

ISA	Model	Bi-Directional TTL Digital I/O Board	High Current Drive Bi-Directional Digital I/O Board	Bi-Directional TTL Digital I/O Board
		PIO-96W(PC)	PIO-120D(PC)	PIO-144W(PC)
				
<b>SPECIFICATIONS</b>				
Input channels		96	120	144
Output channels				
I/O Circuit	Signal level	DC5V		
	Internal power	-		
Input specification	Input type	TTL-level Input		
	Interrupt	1 interrupt line	1 interrupt line	Can use 6 lines simultaneously IRQ 3~7, 9
	Input resistance	20kΩ	10kΩ	22Ω
Output specification	Output type	TTL-level Output	TTL-level Output with Buffer	TTL-level Output
	Output rating	+5VDC 1mA	+5VDC 24mA	+5VDC 1mA
Additional functions		-		
Response time (Max.)		200nsec		
Maximum distance		1.5m		
I/O address		Any 32-byte boundary		
Power consumption (Max.)		+5VDC 450mA	+5VDC 1.6A	+5VDC 330mA
Bus / Dimension		ISA XT / 13.5"(L) x 4.25"(H)	ISA AT / 13.5"(L) x 4.75"(H)	
Connector		30-pin header Connector x 4	50-pin header x 5	50-pin header (male) x 6
Option		Software ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32)		
		Accessories DTP-3(PC) *1, DTP-4(PC) *1		
		STP-50H(98), SCP-50H(98), PSD-50(98)J		
		Cables / Connector PCA37P-1.5 *1, PCB37P-1.5 *1, PCA37PS-0.5P/1.5P *1, PCB37PS-0.5P/1.5P *1, DT/O, DT/B2		
		PCA50J		
CE marking		N	Y	N

\*1: DT/B2 cable is required.