


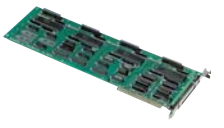



ISA	Model	TTL-Level Digital I/O Board PIO-16/16T(PC)H	PIO-32/32T(PC)	High Current Drive Bi-Directional Digital I/O Board PIO-48D(PC)	Bi-Directional TTL Digital I/O Board PIO-48W(PC)
					
<b>Specification</b>					
Input channels		16	32	48	48
Output channels		16	32	48	48
I/O Circuit	Signal level	+5VDC			
	Internal power	-			
Input specification	Input type	TTL-level Input			
	Interrupt	Usable 2 interrupt lines simultaneously from IRQ 3~7, 9	Usable 4 interrupt lines simultaneously from IRQ 3~7, 9~12, 14 and 15	Usable 4 interrupt lines simultaneously from 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 (mm)		XT Bus / 143.0(L) x 107.0(H)	AT Bus / 163.0(L) x 122.0(H)	XT Bus / 187.0(L) x 107.0(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), SUPPORT-PAC(PC)601, DDE SERVER(W32)	ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32), SUPPORT-PAC(PC)602, DDE SERVER(W32)	ACX-PAC(W32)BP, ACX-PAC(W32)AP, API-PAC(W32), SUPPORT-PAC(PC)603, DDE SERVER(W32)	
	Accessories	DTP-3(PC), DTP-4(PC), EPD-37 *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	DTP-3(PC), DTP-4(PC), EPD-37 *1
	Cables / Connector	PCA37P, PCB37P, PCA37PS, PCB37PS	PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS	PCA50J	PCA37P, PCB37P, PCA37PS, PCB37PS, DT/O, DT/B2
CE marking		○	○	○	-

\*1: Option cable of PCB37P or PCB37PS is required.

\*2: Option cable of PCB96W or PCB96WS is required.

\*3: Option cable of PCB96P or PCB96PS is required.

ISA	Model	Bi-Directional TTL Digital I/O Board PIO-96W(PC)	High Current Drive Bi-Directional Digital I/O Board PIO-120D(PC)	Bi-Directional TTL Digital I/O Board PIO-144W(PC)
				
<b>Specification</b>				
Input channels		96	120	144
Output channels		96	120	144
I/O Circuit	Signal level	+5VDC		
	Internal power	-		
Input specification	Input type	TTL-level Input		
	Interrupt	1 interrupt line	1 interrupt line	Usable 6 interrupt lines simultaneously from IRQ 3~7, 9
	Input resistance	20KΩ	10KΩ	22KΩ
Output specification	Output type	TTL-level Output	TTL-level Output with Buffer	TTL-level Output
	Output resistance	+5VDC 1mA	+5VDC 24mA	+5VDC 1mA
Expansion function		-		
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(Max.)		XT Bus / 340.5(L) x 107.0(H)	AT Bus / 340.5(L) x 122.0(H)	AT Bus / 163.0(L) x 122.0(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), SUPPORT-PAC(PC)603, DDE SERVER(W32)		
	Accessories	DTP-3(PC) *1, DTP-4(PC) *1	STP-50H(98), SCP-50H(98), PSD-50(98)J	
	Cables / Connector	PCA37P *1, PCB37P *1, PCA37PS *1, PCB37PS *1, DT/O, DT/B2	PCA50J	
CE marking		-	○	-

\*1: Option cable of DT/B2 is required.