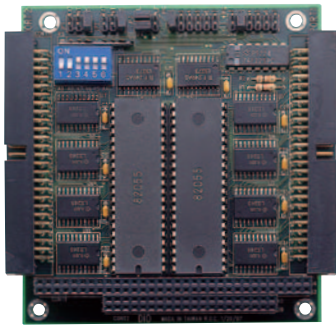


# ICOP-0101

48-bit Digital I/O Module



## Specifications

48-bit digital I/O lines (2 groups)  
 Group emulates 8225 PPI mode 0  
 Buffered circuits for higher driving capacity than 8255  
 Bit 0 of port C can generate an interrupt to IRQ 2, 3, 4, 5, 6 or 7  
 Interrupt trigger on rising/falling edge  
 Output status read back  
 Pin compatible with OPT  
 0-22 I/O module racks  
 Transfer rate: 300 KB/sec. (typical)  
 Digital output: Logic level 0: 0.5V max. @ 24mA  
 Logic level 1: 2.0V min. @ 15mA  
 Digital input: Logic level 0: 0.8V max.  
 Logic level 1: 2.0V min.

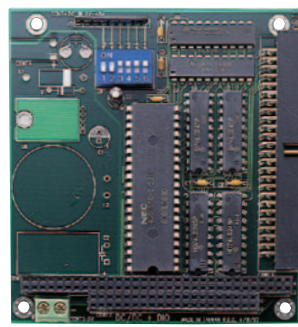
<b>Bus</b>	PC/104 standard compliant
<b>Connectors</b>	2.54mm 50-pin box header for I/O port x2
<b>Power Requirement</b>	Single Voltage +5V @ 600mA
<b>Weight</b>	95g
<b>Board Size</b>	90 x 96mm (3.54 x 3.77 inches)
<b>Operating Temperature</b>	-20°C ~ +60°C

## Packing List

- ICOP-0101 x1
- Screw Kit x1

# ICOP-0102

24-bit Digital I/O Module



## Specifications

24-bit digital I/O lines (1 group)  
 Group emulates 8225 PPI mode 0  
 Buffered circuits for higher driving capacity than 8255  
 Interrupt trigger on rising/falling edge  
 Output status read back  
 Pin compatible with OPT 0-22 I/O module racks  
 Transfer rate: 300 KB/sec. (typical)  
 Digital output: Logic level 0: 0.5V max. @ 24mA sink  
 Logic level 1: 2.0V min. @ 15mA  
 Digital input: Logic level 0: 0.8V max.  
 Logic level 1: 2.0V min.

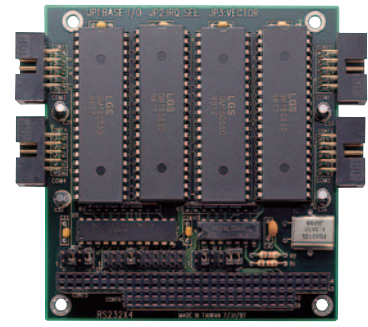
<b>Bus</b>	PC/104 standard compliant
<b>Connectors</b>	2.54mm 50-pin box header for I/O port x1
<b>Power Requirement</b>	Single Voltage +5V @ 400mA
<b>Weight</b>	76g
<b>Board Size</b>	90 x 96mm (3.54 x 3.77 inches)
<b>Operating Temperature</b>	0°C ~ +55°C

## Packing List

- ICOP-0102 x1
- Screw Kit x1

# ICOP-1800

Multi RS-232C Module



## Specifications

**Chipset** UART 16C550 x4  
 RS-232 asynchronous port x4  
 Supports: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND  
 Interrupt select: 2, 3, 4, 5, 7  
 RS-232 modem control signals  
 I/O address: 100h to 300h  
 Baud rate: up to 115.2Kbps

<b>Bus</b>	PC/104 standard compliant
<b>Connectors</b>	2.54mm 10-pin box header for RS-232 x4
<b>Power Requirement</b>	Single +5V @ 200mA
<b>Weight</b>	100g
<b>Board Size</b>	90 x 96mm (3.54 x 3.77 inches)
<b>Operating Temperature</b>	-20°C ~ +55°C

## Packing List

- ICOP-1800 x1
- Cable RS-232 x4
- Screw Kit x1