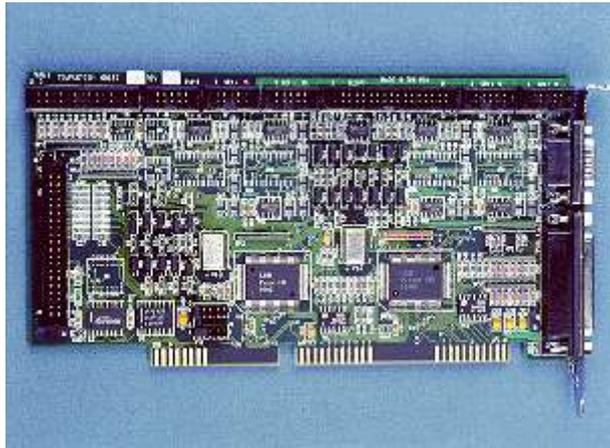


## VMAX® MIO 116



---

### OVERVIEW

The VMAX® MIO116 is a multi-functional I/O card for IBM PCs, IBM ATs, and compatible computers. The MIO116 has four RS232 serial ports, two parallel ports, a two drive IDE hard disk interface and a two drive floppy disk interface on it. The VMAX® MIO116 uses a standard 16 bit ISA bus interface, it will also operate on an 8 bit ISA bus interface if the IDE hard disk controller is not used. The board is XT height (4.2") so it will fit into any case. The MIO116-5V is similar to a MIO116. The MIO116-5V has two additional features. 1) One of the serial ports can be configured as RS232, RS422 or RS485. 2) The board operates on +5V DC only (it generates its own +12V DC).

---

### SPECIFICATIONS MIO 116

- **PARALLEL PORT 1**
  - DB25 connector
  - Modes--Centronics compatible printer or Bi-directional
  - Addresses--278H or 378H
- **PARALLEL PORT 2**
  - 26 pin header connector
  - Modes--Centronics compatible printer or Bi-directional
  - Addresses--278H or 378H
- **SERIAL PORT 1**
  - RS232, 16550 UART, DB9 & 10 pin header
  - Signals--TX, RX, RTS, CTS, DTR, DCD
  - BAUD Rate--50 to 56,000
  - Data Bits--5, 6, 7, or 8
  - Parity--Odd, Even, None
  - Labels--COM1 or COM3
- **SERIAL PORT 2**
  - RS232, 16550 UART, 10 pin header connector
  - Signals--TX, RX, RTS, CTS, DTR, DCD
  - BAUD Rate--50 to 56,000
  - Data Bits--5, 6, 7, or 8
  - Parity--Odd, Even, None
  - Labels--COM2 or COM4
- **SERIAL PORT 3**
  - RS232, 16550 UART, 10 pin header connector
  - Signals--TX, RX, RTS, CTS, DTR, DCD
  - BAUD Rate--50 to 56,000

- Data Bits--5, 6, 7, or 8
  - Parity--Odd, Even, None
  - Labels--COM1 or COM3
  - **SERIAL PORT 4**
    - RS232, 16550 UART, 10 pin header connector
    - RS232 Signals--TX, RX, RTS, CTS, DTR, DCD
    - BAUD Rate--50 to 56,000
    - Data Bits--5, 6, 7, or 8
    - Parity--Odd, Even, None
    - Labels--COM2 or COM4
  - **FLOPPY CONTROLLER**
    - Supports up to two floppy drives of 360K, 720K, 1.2 Meg or 1.44 Meg densities.
  - **IDE CONTROLLER**
    - Supports up to two IDE hard drives.
  - **ISA BUS**
    - 16 bit (8 bit if not using IDE controller) operating at up to 10 MHz.
  - **POWER**
    - Plus 5VDC + 5% at 0.20 A max. (0.15 A typical)
    - Plus 12 VDC =5% at .08 A max. (0.06 A typical)
  - **PHYSICAL SIZE**
    - 4.2" X 7.9" x 0.75"
- 

### **SPECIFICATIONS MIO 116-5V (5Volt Only Version)**

- **PARALLEL PORT 1**
  - DB25 connector
  - Modes--Centronics compatible printer or Bi-directional
  - Addresses-- 278H or 378H
- **PARALLEL PORT 2**
  - 26 pin header connector
  - Modes--Centronics compatible printer or Bi-directional
  - Addresses--278H or 378H
- **SERIAL PORT 1**
  - RS232, 16550 UART, DB9 and 10 pin header
  - Signals-- TX, RX, RTS, CTS, DTR, DCD
  - BAUD Rate--50 to 56,000
  - Data Bits--5, 6, 7, or 8
  - Parity--Odd, Even, None
  - Labels-- COM1 or COM3
- **SERIAL PORT 2**
  - RS232, 16550 UART, 10 pin header connector
  - Signals-- TX, RX, RTS, CTS, DTR, DCD
  - BAUD Rate--50 to 56,000
  - Data Bits-- 5, 6, 7, or 8
  - Parity--Odd, Even, None
  - Labels--COM2 or COM4
- **SERIAL PORT 3**
  - RS232, 16550 UART, 10 pin header connector
  - Signals--TX, RX, RTS, CTS, DTR, DCD
  - BAUD Rate--50 to 56,000
  - Data Bits--5, 6, 7, or 8
  - Parity--Odd, Even, None
  - Labels--COM1 or COM3
- **SERIAL PORT 4**
  - RS232, RS422, or RS485, 16550 UART, 10 pin header connector
  - RS232 Signals--TX, RX, RTS, CTS, DTR, DCD
  - RS422--DATAIN, DATAOUT, HSIN, HSOUT

- RS485--DATA, HANDSHAKE
  - BAUD Rate--50 to 56,000
  - Data Bits--5, 6, 7, or 8
  - Parity--Odd, Even, None
  - Labels--COM2 or COM4
  - **FLOPPY CONTROLLER**
    - Supports up to two floppy drives of 360K, 720K, 1.2 Meg or 1.44 Meg densities.
  - **IDE HARD DRIVE**
    - Supports up to two IDE hard drives.
  - **ISA BUS**
    - 16 bit (8 bit if not using IDE controller) operating at up to 10 MHz
  - **POWER**
    - Plus 5VDC + 5% at 0.3 A max. (0.2 A typical)
  - **PHYSICAL SIZE**
    - 4.2" X 7.9" X 0.75"
- 

## **ORDERING INFORMATION**

*When ordering, please specify the following information:*

Description is: 4 Serial, Super Multi-I/O Card Part Number is: MIO-116

**Tempustech, Inc. accepts Visa, Mastercard and Net 30 for applicants that qualify for credit terms.**

*Tempustech, Inc.  
295 Airport Road  
Naples, Florida 34104  
Voice: 800-634-0701  
Fax: 941-643-4981  
[cpusales@tempustech.com](mailto:cpusales@tempustech.com)*

[HOME](#)