16.4 I/O PORT ADDRESSES

The port addresses below apply to KAYPRO 2/83 and 4/83 computers.

Port #	Use and/or Assignment
ØØ	Baud Rate (write only) - Writing a number between Ø and F hex (see baud rate table) to this port sets the RS-232C baud rate.
Ø4	RS-232C Serial Data (R/W) - Data register of the Z-8Ø SIO. Refer to Zilog/Mostek Microcomputer Data books for further information.
Ø5	Keyboard Data (R/W) - Eight-bit data from detachable keyboard.
Ø6	RS-232C Status (R/W) - Control/status port for the Z-8Ø SIO. Refer to Zilog/Mostek Microcomputer Data books for further information.
Ø8	Printer Port (write only) - Eight-bit data to parallel printer connector.
1C	System Port (R/W) - This port is used for system control. The various bits are used for memory bank selection, disk drive control, and printer handshaking.

The serial output is an 8-bit word with one start, one stop, and no parity.

Examples:

* Received character available is obtained by testing bit Ø of the status port. Character is available if this bit is high (a 1 rather than Ø).

* Transmit Buffer Empty is obtained by testing bit 2 of the status port. Buffer is empty when bit 2 is high (1).

Manuals on the Z-8Ø CPU, Z-8Ø PIO, Z-8Ø SIO are available from the ZILOG sales office nearest to you. Western Digital can sell you a copy of the manual for the Floppy Disk Controller. Refer to Reference Section for vendors' mailing addresses and phone numbers.

When ordering manuals for any of the chips mentioned above, remove the hood from the computer and write down the full model number that is on the top surface of the chip. This is the best way to be certain of getting the proper manual from either of the manufacturers listed above.