

APPENDIX B

GLOSSARY

80xx, 80x86, 80x86-SX MICROPROCESSORS — Model numbers of **microprocessors** which are manufactured by Intel Corp. and are compatible with the **MS-DOS operating system**. The model of microprocessor used is the major determinant of the processing power and speed of a microcomputer. The models in this family, listed in order of increasing power, are:

- 8088 - 16-bit internal, 8 bit bus, used in the IBM-PC, IBM-XT and compatibles
- 8086 - 16-bit internal, 16-bit bus, used in a few XT-compatibles
- 80286 - 32-bit internal, 16-bit bus, used in AT-compatibles
- 80386-SX - 32-bit internal, 16-bit bus
- 80386 - 32-bit internal, 32-bit bus
- 80486-SX - 32-bit internal, 32-bit bus, no built-in **math coprocessor**
- 80486 - 32-bit internal, 32-bit bus, built-in **math coprocessor**

8087, 80x87 MATH COPROCESSORS — Model numbers of **math coprocessor** chips which are manufactured by Intel Corp. and are compatible with the **80xx, 80x86 and 80x86-SX microprocessors**. See also **math coprocessor**. The models in this family, listed with their corresponding microprocessor, are as follows:

- 8087 - compatible with the 8088
- 80287 - compatible with the 80286
- 80387-SX - compatible with the 80386-SX
- 80387 - compatible with the 80387