

- 1981 > IBM PC (see Figure 1-5)
- > Hayes Smartmodem 300
- 1982 > Intel 80286 microprocessor
- > Commodore 64
- 1983 > Apple Lisa
- > Apple IIe
- > IBM PC Jr.
- > IBM PC/XT
- 1984 > Macintosh (see Figure 1-6)
- > Apple IIc
- > IBM AT
- > Motorola 68020 microprocessor
- 1985 > Commodore Amiga 1000
- > The first hard disk is made available for Macintosh computers
- 1986 > Intel 80386 microprocessor
- > Motorola 68030 microprocessor
- > Apple IIgs
- 1987 > IBM PS/2
- 1989 > Intel 80486 microprocessor
- 1990 > Motorola 68040 microprocessor
- 1992 > Intel 80486-DX2 microprocessor



FIGURE 1 - 5
The original IBM PC.

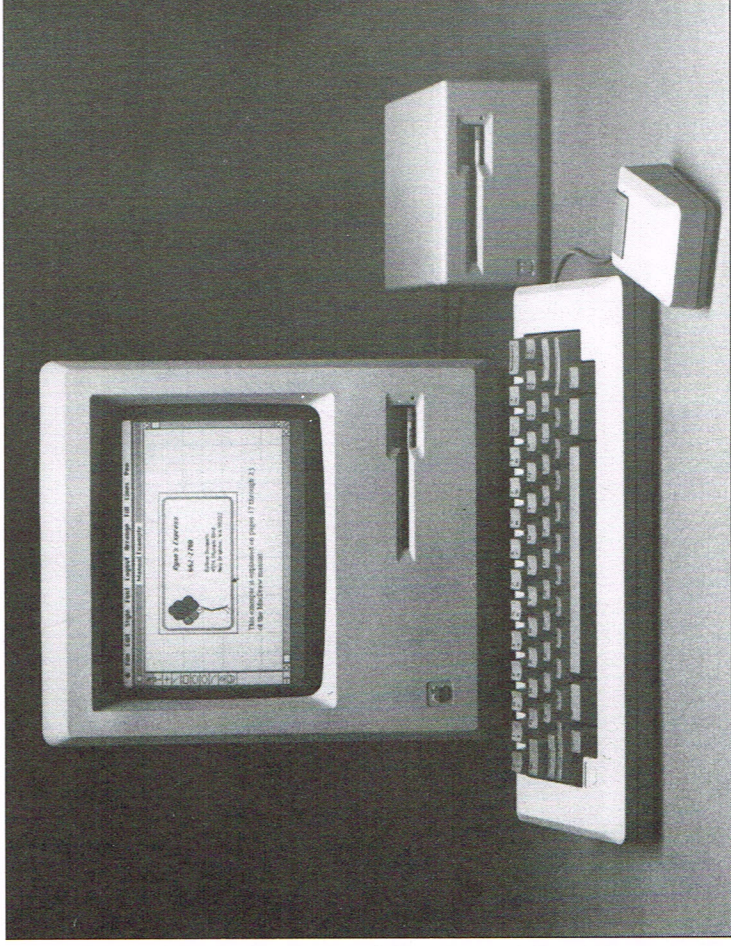


FIGURE 1 - 6
The first Macintosh.

- 1993 > Intel Pentium microprocessor
- > PowerPC 601 microprocessor

On the Net

You know that new computers continually replace existing models. But do you know how dramatically the power and capacity of computers has increased while prices have dropped? See the actual numbers for yourself at <http://www.ProgramCPP.com>. See topic 1.1.1.

SECTION 1.1 QUESTIONS

1. What manually-operated calculating device existed prior to the 12th century A.D.?
2. List two mechanical calculating devices.
3. What is the name of the most elaborate electro-mechanical computer ever built?
4. What type of computers replaced electro-mechanical computers?
5. What device replaced the vacuum tube?
6. What device integrated nearly all of the main functions of a computer on a single chip?
7. During what decade did the first microcomputers become available?