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IBM PC and IBM Compatible Computers: An Overview**

Definition of IBM PC

The IBM Personal Computer Model 5150, commonly known as the IBM PC, was a landmark personal computer introduced by IBM on August 12, 1981. It revolutionized the home and business computing landscape, paving the way for the widespread adoption of personal computers.

What is an IBM Compatible Computer?

IBM compatible computers are personal computers that are designed to meet the hardware design specifications established by IBM for its original PC. These specifications include the processor, memory architecture, and expansion slots.

Common Operating Systems for IBM and IBM Compatible PCs

The most common operating system for IBM and IBM compatible PCs is Microsoft Windows. Other popular operating systems include Linux and macOS.

Computer Architecture

IBM compatible PCs are based on the x86 computer architecture, which was initially developed by Intel. This architecture is also used in modern personal computers and servers.

Type of Computer

IBM PCs are personal computers designed for use in homes, offices, and educational institutions. They are not considered supercomputers, which are high-performance computers used for specialized scientific and research applications.

Who Makes IBM Compatible PCs?

IBM no longer manufactures personal computers. However, many other manufacturers produce IBM compatible PCs, including Dell, HP, Lenovo, and Toshiba.

Operating System of IBM PC

The original IBM PC used the Microsoft Disk Operating System (MS-DOS). Later models introduced the graphical user interface (GUI) with Microsoft Windows operating systems.

IBM's Use of Mac or Windows

IBM no longer manufactures personal computers, so it does not use Mac or Windows operating systems on its own devices.

Meaning of IBM PC

IBM PC stands for International Business Machines Personal Computer.

Features of IBM PC

The original IBM PC featured an Intel 8088 microprocessor, 64KB of RAM, 16KB of ROM, two floppy disk drives, and a monochrome text-only display.

IBM PC in 1983

In 1983, IBM introduced the IBM PC XT, which featured a faster processor, more RAM, and a hard disk drive.

Difference Between IBM PC and IBM Compatible

IBM PCs are the original personal computers manufactured by IBM. IBM compatible computers are designed to meet the hardware specifications set by IBM but are

produced by different manufacturers.

IBM PC: First Generation Computer

The IBM PC is not considered a first-generation computer. It belongs to the third generation of personal computers, which were characterized by the use of microprocessors.

IBM in Computer Architecture

IBM is an American multinational technology company that has played a significant role in the development of computer architecture. It introduced the System/360 in 1964, which established the concept of a modular computer system.

Full Form of IBM PC 80

There is no such model as IBM PC 80.

IBM as a Computer Language

IBM is not a computer language. It is a company name.

First Disks Used on IBM PC Computers in the 1980s

The first disks used on IBM PC computers in the 1980s were 5.25-inch floppy disks with a capacity of 360KB.

Ownership of IBM PC

IBM originally owned the rights to the IBM PC design. However, it later licensed the design to other manufacturers, resulting in the creation of IBM compatible PCs.

RAM of IBM PC

The original IBM PC had 64KB of RAM.

Continued Sale of PCs by IBM

IBM no longer sells personal computers. It exited the PC market in 2005.

Meaning of IBM PC AT

IBM PC AT is short for Advanced Technology. It was a higher-performance version of the IBM PC introduced in 1984.
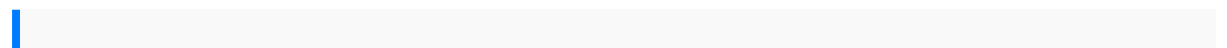
Purpose of IBM in Computers

IBM is a multinational technology company that provides a wide range of products and services related to computers, including hardware, software, and consulting.

System Introduced with the IBM PC

The IBM PC introduced the IBM PC bus, which allowed the expansion of the computer with peripheral cards.

Ownership of IBM PC

IBM was the original owner of the IBM PC design. Later, it licensed the design to other manufacturers.

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