

D.I.Y. LAPTOP REPAIR The Portable Field Reference Guide

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Framework Computer, Inc. is an American laptop computer manufacturer. The company positions itself as a proponent of the right-to-repair movement, and their laptops are designed to be easy to disassemble, with replaceable parts.

ThinkPad

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ThinkPad is a line of business-oriented laptop and tablet computers produced since 1992. It was originally designed, created and manufactured by the American International Business Machines (IBM) Corporation. IBM sold its PC business to the Chinese company Lenovo in 2005 and since 2007 all ThinkPad models have been manufactured by them.

The ThinkPad line was first developed at the IBM Yamato Facility in Japan; they have a distinct black, boxy design, which originated in 1990 and is still used in some models. Most models also feature a red-colored trackpoint on the keyboard, which has become an iconic and distinctive design characteristic associated with the ThinkPad line. It has seen significant success in the business market while certain models target students and the education market....

History of personal computers

usually more expensive, desktop and laptop computers, and eventually on consumer computers into the first decade of the 21st century. In 2002, Hewlett-Packard

The history of personal computers as mass-market consumer electronic devices began with the microcomputer revolution of the 1970s. A personal computer is one intended for interactive individual use, as opposed to a mainframe computer where the end user's requests are filtered through operating staff, or a time-sharing system in which one large processor is shared by many individuals. After the development of the microprocessor, individual personal computers were low enough in cost that they eventually became affordable consumer goods. Early personal computers – generally called microcomputers – were sold often in electronic kit form and in limited numbers, and were of interest mostly to hobbyists and technicians.

List of Japanese inventions and discoveries

workstation) — Yamaha Corporation's C1 Music Computer (1988) laptop was the first portable workstation with LCD display. Measurement-based quantum computer

This is a list of Japanese inventions and discoveries. Japanese pioneers have made contributions across a number of scientific, technological and art domains. In particular, Japan has played a crucial role in the digital revolution since the 20th century, with many

modern revolutionary and widespread technologies in fields such as electronics and robotics introduced by Japanese inventors and entrepreneurs.

Electronic music

Vercoe 2000, pp. xxviii-xxix. "In 1969, a portable version of the studio Moog called the Minimoog Model D, became the most widely used synthesizer in both

Electronic music broadly is a group of music genres that employ electronic musical instruments, circuitry-based music technology and software, or general-purpose electronics (such as personal computers) in its creation. It includes both music made using electronic and electromechanical means (electroacoustic music). Pure electronic instruments depend entirely on circuitry-based sound generation, for instance using devices such as an electronic oscillator, theremin, or synthesizer: no acoustic waves need to be previously generated by mechanical means and then converted into electrical signals. On the other hand, electromechanical instruments have mechanical parts such as strings or hammers that generate the sound waves, together with electric elements including magnetic pickups, power amplifiers...

Floppy disk

2001). "The floppy user guide" (PDF). Retrieved 30 July 2025. Brenner, Robert C. (1984). *The Apple II Plus/IIe Troubleshooting & Repair Guide* (PDF). Howard

A floppy disk or floppy diskette (casually referred to as a floppy, a diskette, or a disk) is a type of disk storage composed of a thin and flexible disk of a magnetic storage medium in a square or nearly square plastic enclosure lined with a fabric that removes dust particles from the spinning disk. Floppy disks store digital data which can be read and written when the disk is inserted into a floppy disk drive (FDD) connected to or inside a computer or other device. The four most popular (and commercially available) categories of floppy disks (and disk drives) are the 8-inch, 5¼-inch, 3½-inch and high-capacity floppy disks and drives.

The first floppy disks, invented and made by IBM in 1971, had a disk diameter of 8 inches (203.2 mm). Subsequently, the 5¼-inch (130 mm) and then the 3½-inch...

International Space Station

laptops and spare parts are kept on the station so astronauts can repair laptops when needed. The laptops are divided into two groups: the Portable Computer

The International Space Station (ISS) is a large space station that was assembled and is maintained in low Earth orbit by a collaboration of five space agencies and their contractors: NASA (United States), Roscosmos (Russia), ESA (Europe), JAXA (Japan), and CSA (Canada). As the largest space station ever constructed, it primarily serves as a platform for conducting scientific experiments in microgravity and studying the space environment.

The station is divided into two main sections: the Russian Orbital Segment (ROS), developed by Roscosmos, and the US Orbital Segment (USOS), built by NASA, ESA, JAXA, and CSA. A striking feature of the ISS is the Integrated Truss Structure, which connects the station's vast system of solar panels and radiators to its pressurized modules. These modules support...

List of military electronics of the United States

letters E, H, I, J, L, N, O, Q, R, W and Y are not used in JETDS nomenclatures. AN/: Top A B

C D F G M P S T U V W Z See also Notes References Bibliography

This article lists American military electronic instruments/systems along with brief descriptions. This stand-alone list specifically identifies electronic devices which are assigned designations (names) according to the Joint Electronics Type Designation System (JETDS), beginning with the AN/ prefix. They are grouped below by the first designation letter following this prefix. The list is organized as sorted tables that reflect the purpose, uses and manufacturers of each listed item.

JETDS nomenclature

All electronic equipment and systems intended for use by the U.S. military are designated using the JETDS system. The beginning of the designation for equipment/systems always begins with AN/ which only identifies that the device has a JETDS-based designation (or name). When the JETDS was originally...

Apple Inc.

lineup includes portable and home hardware such as the iPhone, iPad, Apple Watch, Mac,

and Apple TV; operating systems such as iOS, iPadOS, and macOS;

Apple Inc. is an American multinational corporation and technology company headquartered in Cupertino, California, in Silicon Valley. It is best known for its consumer electronics, software, and services. Founded in 1976 as Apple Computer Company by Steve Jobs, Steve Wozniak and Ronald Wayne, the company was incorporated by Jobs and Wozniak as Apple Computer, Inc. the following year. It was renamed Apple Inc. in 2007 as the company had expanded its focus from computers to consumer electronics. Apple is the largest technology company by revenue, with US\$391.04 billion in the 2024 fiscal year.

The company was founded to produce and market Wozniak's Apple I personal computer. Its second computer, the Apple II, became a best seller as one of the first mass-produced microcomputers. Apple introduced...

Music industry

media other than the consumer's computer memory on his or her portable media player or laptop. For this reason, artists such as Taylor Swift, Paul McCartney

The music industry are individuals and organizations that earn money by writing songs and musical compositions, creating and selling recorded music and sheet music, presenting concerts, as well as the organizations that aid, train, represent and supply music creators. Among the many individuals and organizations that operate in the industry are: the songwriters and composers who write songs and musical compositions; the singers, musicians, conductors, and bandleaders who perform the music; the record labels, music publishers, recording studios, music producers, audio engineers, retail and digital music stores, and performance rights organizations who create and sell recorded music and sheet music; and the booking agents, promoters, music venues, road crew, and audio engineers who help organize...

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