

Ibm T42 Service Manual

IBM PS/2 Released in 1987, it officially replaced the IBM PC, XT, AT, and PC Convertible in IBM's lineup. PS/2 is IBM's second generation of personal computers. Many of the PS/2's innovations, such as the 16550 UART (serial port), 1440 KB 3.5-inch floppy disk format, 72-pin SIMMs, PS/2 port, and VGA video standard, went on to become standards in the broader PC market. Released in 1987, it officially replaced the IBM PC, XT, AT, and PC Convertible in IBM's lineup The Personal System/2 or PS/2 is IBM's second generation of personal computers

IBM Personal Computer XT Computer Family Service Information Manual (January 1989), IBM document SA38-0037-00, page 6-2 Personal Computer Family Service Information Manual (January 1989) The IBM Personal Computer XT (model 5160, often shortened to PC/XT) is the second computer in the IBM Personal Computer line, released on March 8, 1983. Except for the addition of a built-in hard drive and extra expansion slots, it is very similar to the original IBM PC model 5150 from 1981

It retained the IBM PC's 8088 CPU and BIOS interface, but provided enhanced graphics and sound, ROM cartridge slots, built-in joystick ports, and an infrared wireless keyboard. The PCjr supported expansion via "sidecar" modules, which could be attached to the side of the unit.

IBM 3270 PC Although its hardware is mostly identical to the IBM PC XT, the 3270 contains additional components that, in combination with software, can emulate the behavior of an IBM 3270 terminal. Therefore, it can be used both as a standalone computer, and as a terminal to a mainframe. The IBM 3270 PC (IBM System Unit 5271), is a personal computer developed by IBM and released in October 1983. Although its hardware is mostly identical The IBM 3270 PC (IBM System Unit 5271), is a personal computer developed by IBM and released in October 1983

Color Graphics Adapter Color/Graphics Adapter or IBM Color/Graphics Monitor Adapter, introduced in 1981, was IBM's first color graphics card for the IBM PC and established a de facto computer display standard The Color Graphics Adapter (CGA), originally also called the Color/Graphics Adapter or IBM Color/Graphics Monitor Adapter, introduced in 1981, was IBM's first color graphics card for the IBM PC and established a de facto computer display standard

When the IBM PC was introduced in 1981, it was originally designated as the IBM 5150, putting it in the "5100" series, though its

architecture was unrelated to the IBM 5100's. The 5100 was IBM's second transportable computer. Previously, a truck-based IBM 1401 was configured...

PC-based IBM mainframe-compatible systems For a period of time PC-based mainframe-compatible systems had a lower price and did not require as much electricity or floor space. However, they sacrificed performance and were not as dependable as mainframe-class hardware. In the 1980s, IBM and other vendors have created PC-based IBM mainframe-compatible systems which are compatible with the larger IBM mainframe computers. Since the rise of the personal computer in the 1980s, IBM and other vendors have created PC-based IBM mainframe-compatible systems which are compatible with the larger IBM mainframe computers. These products have been popular with mainframe developers, in education and training settings, for very small companies with non-critical processing, and in certain disaster relief roles (such as field insurance adjustment systems for hurricane relief)

IBM 5100 The IBM 5100 Maintenance Information Manual also referred to the IBM 5100 Portable Computer as one of the first portable computers, introduced in September 1975, six years before the IBM Personal Computer, and eight before the first successful IBM compatible portable computer, the Compaq Portable. It was the evolution of a prototype called the SCAMP (Special Computer APL Machine Portable) that was developed at the IBM Los Gatos Laboratory and Palo Alto Scientific Center in 1973. Although it was marketed as a portable computer, it still needed to be plugged into an electric socket. The IBM 5100 is based on a 16-bit processor module called PALM (Program All Logic in Microcode)

ThinkPad A series ThinkPads. It was discontinued in January 2004 in favor of R and G series ThinkPads. 28 January 2025. "IBM Mobile Systems ThinkPad Computer Hardware Maintenance Manual" (PDF). "IBM Mobile Systems ThinkPad The ThinkPad A series was a short lived line of mid to high end desktop replacements released from May 2000 to March 2002 by IBM as a successor to the ThinkPad 700 series, combining features present in the ThinkPad 300 series. Retrieved 27 January 2025. This is not to be confused with the newer ThinkPad A series released by Lenovo consisting of ThinkPad T and X series models with AMD processors

Enhanced Graphics Adapter pp. In addition to the original EGA card manufactured by IBM, many compatible third-party cards were manufactured, and EGA graphics modes continued to be supported by VGA and later standards. 41. IBM Enhanced Graphics Adapter manual (PDF). IBM Enhanced Graphics Adapter manual (PDF). 75. 1, 81. IBM Enhanced Graphics Adapter manual (PDF) The Enhanced Graphics Adapter (EGA) is an IBM PC graphics adapter and de facto computer display standard from 1984 that superseded the CGA standard introduced with the original IBM PC, and was itself superseded by the VGA standard in 1987. p

Despite widespread anticipation, the PCjr was ultimately unsuccessful in the market. It was only partially IBM PC compatible, limiting

support for IBM's software library. Its chiclet keyboard was widely... 2ae0cdf8c1

IBM PCjr The IBM PCjr (pronounced "PC junior") was a home computer produced and marketed by IBM from March 1984 to May 1985, intended as a lower-cost variant of The IBM PCjr (pronounced "PC junior") was a home computer produced and marketed by IBM from March 1984 to May 1985, intended as a lower-cost variant of the IBM PC with hardware capabilities better suited for video games, in order to compete more directly with other home computers such as the Apple II and Commodore 64 2ae0cdf8c1

IBM System/23 Datamaster IBM 5322 Service Manual (PDF). IBM. December 1980. Launched in July 1981, the System/23 was IBM's most affordable computer until the PC was announced the following month, proving to be much more economical and popular. "TMS4132 Datasheet" (PDF). oldcomputers. Retrieved 2025-04-17 The System/23 Datamaster (desktop model 5322 and tower model 5324) was an 8-bit microcomputer developed by IBM. computer". "IBM 5324 Service Manual" (PDF). Like the 6850 Displaywriter, it was one of the first IBM microcomputers, preceding the 5150 PC, which it is incompatible with. net. www 2ae0cdf8c1

IBM later released the 3270 AT (IBM System Unit 5273), which is a similar design based on the IBM PC AT. They also released high-end graphics versions of the 3270 PC in both XT and AT variants. The XT-based versions are called 3270 PC/G and 3270 PC/GX and they use a different System Unit 5371, while their AT counterparts (PC AT/G and PC AT/GX) have System Unit 5373. 2ae0cdf8c1 The PS/2 line was created by IBM partly in an attempt to recapture control of the PC market by introducing the advanced yet proprietary Micro Channel architecture (MCA) on higher-end models. These models were in the strange position of being incompatible with the hardware standards previously established by IBM and adopted in the IBM PC compatible industry. Most major PC manufacturers balked at IBM's licensing... 2ae0cdf8c1

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