

IBM PS/2 (Model 77) - Technical Specifications

IBM Personal System/2 Model 77



~~Inside the 9577 (68kb)~~

General information

Machine type: 9577

Announce date: October, 1992

List price: \$4,153 (9577-0UA), \$4,920 (9577-0NA)

Excerpt from the original announcement letter;

"The new Premier PS/2(R) 76, 77 and Ultimedia(TM) M77 are full 32 bit 486 Micro Channel(R) systems designed to enhance the PS/2 product line at very attractive prices. These systems are offered in two mechanical packages, the PS/2 76 provides 3 slots (2 slots available for expansion) and 3 bays (1 available for expansion) and the PS/2 77 and M77 provide 5 slots (of which 4 slots on the 77 and 3 slots on M77 are available for expansion) and 4 bays (of which 2 bays on the 77 and 1 on the M77 are available for expansion). Standard features on these new systems include a SCSI Controller with larger and faster hard disk drives, video is provided via the XGA-2(TM) Display Adapter/A designed to meet the International Standard Organization (ISO) requirements, support for up to 32MB of 70 ns memory on the planar, two 9-pin serial ports, A high speed DMA parallel port and OS/2 2.00.1 installed on the hard disk drive and ready for use in a standard configuration. The enhanced IBM mouse is a standard feature in all the systems. In addition, M77 Ultimedia Models come with a CD-ROM, built-in audio functions and a variety of Ultimedia sampler applications. The systems support up to 32 MB of 70-ns memory on the planar in four SIMM sockets. All systems ship with one 8MB single in-line memory module (SIMM) located in SIMM socket 1 leaving three SIMM socket available for memory expansion.

System characteristics

Microprocessor: Intel 80486 SX or 80486DX2

Clock speed: 33 MHz or 66Mhz

Coprocessor: optional 80486 DX2-66 (486sx-33 models only)

Type of BUS: 32-bit Micro Channel

Total number of expansion slots: 5 (desktop case w. floor stand for vertical use)

Ports: PS/2 keyboard, PS/2 mouse, 2 DMA serial, DMA parallel, XGA-2, SCSI

Memory

Min/Max on system board: 8/32MB

Type of memory:

RAM: DRAM (PS/2 72-pin SIMM) 70ns parity checked (4 sockets)

ROM: 128kb

Cache: 8kb L1, 0kb L2

Physical description

Power supply: 197w, 110-220VAC manual voltage switch

Weight: 11.8kg (26.0 lbs)

Dimensions (HxWxD): (115 x 360 x 395mm)

Mass storage

Drive bays: 4 (2 x 5.25", 2 x 3.5")

Floppy Disk

Size: 3.5 inch slim-height

Capacity: 2.88MB media sense

Hard disk

Size: 3.5 inch half-height

Capacity: 212MB (0UA), 400MB (0UF), 212MB (0NA), 400MB (0NF)

Access time: 12ms

Interface: SCSI (integrated bus master cached SCSI controller)

Display

Size:

Display type: Optional Analog CRT

Graphics modes supported: Integrated 32-bit XGA-2 Display adapter

1024x768, 256 colours, 75Hz NI

800x600, 65,536 colours

640x480, 65,536 colours

Keyboard

Type: 101 key enhanced, 122 key host connect, 84 key space saving

Software

Operating system: IBM PC DOS Versions 5.0, 5.00.1 or higher

Configurations

Various memory, diskette drive, hard drive, monitor, and keyboard configurations including;

9577-0UA - System Unit 486SX-33, 8MB, 212MB, 2.88, 101 keyboard

9577-0UF - System Unit 486SX-33, 8MB, 400MB, 2.88, 101 keyboard

9577-0NA - System Unit 486DX2-66, 8MB, 212MB, 2.88, 101 keyboard

9577-0NF - System Unit 486DX2-66, 8MB, 400MB, 2.88, 101 keyboard

9577-1UA - Ultimedia M77 System Unit 486SX-33, 8MB, 212MB, 2.88, SCSI CD-ROM, M-Audio adapter/A, front mounted

headphone & microphone jacks, a microphone, and volume control

9577-1NA - Ultimedia M77 System Unit 486DX2-66, 8MB, 212MB, 2.88, SCSI CD-ROM,

M-Audio adapter/A, front mounted
headphone & microphone jacks, a microphone, and volume control

Options

SYSTEM BOARD MEMORY		
IBM Personal System/2 2MB Memory Module Kit-70ns	0129	6450902
IBM Personal System/2 4MB Memory Module Kit-70ns	0128	6450128
IBM Personal System/2 8MB Memory Module Kit-70ns	5116	6450130
DASD		
IBM Personal System/2 Micro Channel SCSI Adapter	1005	6451109
IBM Personal System/2 Micro Channel SCSI Adapter with Cache	1018	6451110
IBM Personal System/2 1.44MB 1-Inch High Diskette Drive	0030	6451130
IBM Personal System/2 2.88MB 1-Inch High Diskette Drive	1106	6451106
IBM Personal System/2 60MB SCSI Fixed Disk Drive(B,D)	1049	6451049
IBM Personal System/2 80MB SCSI Fixed Disk Drive (D)	1045	6451045
IBM Personal System/2 120MB SCSI Fixed Disk Drive(B,D)	1050	6451050
IBM Personal System/2 160MB SCSI Fixed Disk Drive (D)	1046	6451046
IBM Personal System/2 320MB SCSI Fixed Disk Drive (D)	1108	6451234
IBM Personal System/2 400MB SCSI Fixed Disk Drive (D)	1081	6451235
IBM Personal System/2 Micro Channel SCSI Adapter External Terminator (for F/N 1018)	1039	6451039
IBM Personal System/2 3.5-inch Rewritable Optical Drive	0162	6450162
IBM Personal System/2 CD-ROM Drive	1113	6451113
IBM Personal System/2 5.25-inch Slim High Diskette Drive	1066	6451066
IBM Personal System/2 5.25-inch Diskette Adapter/A(A)	1007	6451007
IBM Personal System/2 SCSI Fixed Disk Drive Kit D (B)	1119	6451120
IBM Personal System/2 External CD-ROM Drive 3510-001		3510001
IBM Personal System/2 External Storage Enclosure for SCSI Devices 3511-003		3511003
IBM Personal System/2 4869-001 5.25-inch 360KB External Diskette Drive (A)		4869001
IBM Personal System/2 4869-002 5.25-inch 1.2MB External Diskette Drive (A)		4869002
IBM Personal System/2 Upgrade Kit for Diskette Drives	5106	6451127
IBM PS/2 Model 56 LS Upgrade kit for SCSI Devices	5108	6451129

COMMUNICATIONS		
IBM Personal System/2 Leased Line Modem	1862	26F1862
IBM Personal System/2 Adapter/A for Ethernet Networks	1091	6451091
IBM Personal System/2 Dual Async Adapter/A	1014	6451013
The IBM 3270 Connection	2000	74F3465
System/370(TM) Channel Emulator/A	3205	1674899
IBM System 36/38 Workstation Emulation Adapter	6279	69X6279
IBM PC Network Baseband Adapter/A	1223	1501223
IBM PC Network Adapter II/A (J)	1222	1501222
IBM PC Network Adapter II/A -- Frequency 2 (J)	5647	96X5647
IBM PC Network Adapter II/A -- Frequency 3 (J)	5648	96X5648
IBM Token Ring Network Adapter/A	4790	69X8138
IBM Token Ring Network Adapter/A -- Remote Program Load	8881	25F8887
IBM Token Ring Network 16/4 Adapter/A	1133	16F1133
IBM Token Ring Network 16/4 Busmaster Adapter/A	4041	74F4140
IBM Token Ring Network 16/4 Trace & Performance Adapter/A (H)	5130	74F5130
IBM Personal System/2 300/1200/2400 Internal Modem/A	1755	94X1755
IBM Realtime Interface Co-Processor Multiport/2 (512KB)	6263	09F1897
IBM Realtime Interface Co-Processor Multiport/2 (1MB)	6247	16F1820
IBM Realtime Interface Co-Processor Multiport/2 8 Port RS-232 Interface Board	6265	09F1952
IBM Realtime Interface Co-Processor Multiport/2 8 Port RS-422A Interface Board	6326	15F8852
IBM Realtime Interface Co-Processor Multiport/2 6 Port RS-232C Synchronous Interface Board	6327	15F8861
IBM Realtime Interface Co-Processor Multiport/2 4 Port RS-232 Interface Board	6267	09F1955
IBM Realtime Interface Co-Processor Multiport/2 RS-232/RS-422 Interface Board	6266	09F1958
IBM Realtime Interface Co-Processor Portmaster(TM) Adapter/A (512KB) (J)	6360	53F2601
IBM Realtime Interface Co-Processor Portmaster Adapter/A (1MB) (J)	6364	53F2604
IBM Realtime Interface Co-Processor Portmaster Adapter/A (2MB) (J)	6368	53F2607

Plus many more IBM and 3rd party adapter cards...

Note: Options may no longer be available from IBM.

