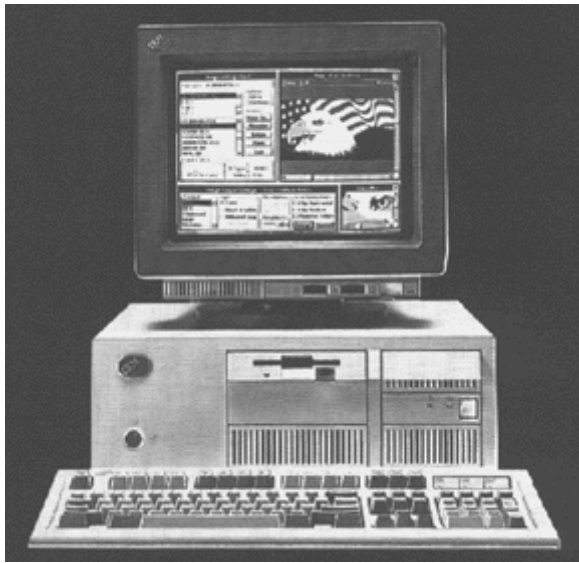


# IBM PS/2 (Model 57 SX) - Technical Specifications

## IBM Personal System/2 Model 57 SX



Inside the 8557

### General information

Machine type: 8557

Announce date: June, 1991

### Excerpt from the original announcement letter;

" The IBM Personal System/2(R) Model 57 SX is a Micro Channel(R) system designed to complement and enhance the PS/2(R) Model 55 SX, Model 65 SX and the low end of the Model 70 386 family. It provides product improvements such as increased processor speed, configuration flexibility, 16-bit video graphics array (VGA) graphics and a small computer system interface (SCSI) input/output (I/O) interface. PS/2 Model 57 SX provides a 20-MHz 80386SX microprocessor. Two models are offered with SCSI fixed disk capacities of 80MB (Million Bytes) (8557-045) and 160MB (Million Bytes) (8557-049). PS/2 Model 57 SX features a 5-slot and 4-bay mechanical package. It is designed for desktop operation but ships with a vertical stand, allowing the customer the flexibility of horizontal or vertical orientation. The mechanical package allows for expansion with five 16-bit slots for Micro Channel adapters and four bays for I/O devices. Two of the bays contain a 3.5-inch 2.88MB media sense diskette drive and a SCSI fixed disk. Additional 5.25-inch and/or 3.5-inch devices, diskette drives, fixed disks, tape and CD-ROM drives, and similar devices may be installed in the two remaining bays. The SCSI controller is integrated in the planar so a slot is not required. Up to seven SCSI devices (including the standard SCSI fixed disk) may be attached to the system. Two additional SCSI devices may be attached internally and the remaining devices externally via the external SCSI connector. "

### System characteristics

Microprocessor: Intel 80386sx (32 bit)

Clock speed: 20 MHz

Coprocessor: socket for optional 80387

Type of BUS: 16-bit Micro Channel  
Total number of expansion slots: 5 (desktop/floorstanding case)  
Ports: PS/2 keyboard, PS/2 mouse, serial, parallel, VGA, SCSI

### Memory

Min/Max on system board: 4/16MB  
Type of memory:  
RAM: DRAM (PS/2 72-pin SIMM) 70ns parity checked (3 sockets)  
ROM: 128kb  
Cache: 0kb L1, 0kb L2

### Physical description

Power supply: 197w, 110-220VAC auto sense  
Weight: 14.5 kg (32.0 lbs)  
Dimensions (HxWxD): (169 x 440 x 394mm)

### Mass storage

Drive bays: 4 ( 3 x 5.25" (1 slim height), 1 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: 80MB (045), 160MB (049)  
Access time: 17ms (80MB), 16ms (160MB)  
Interface: SCSI (integrated SCSI controller)

### Display

Size:  
Display type: Optional Analog CRT  
Graphics modes supported: Integrated VGA Display adapter  
  
320x200, 256 colours  
640x480, 16 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;  
8557-045 - System Unit 386sx20, 4MB, 80MB, 2.88, 101 keyboard  
8557-049 - System Unit 386sx20, 4MB, 160MB, 2.88, 101 keyboard

### Options

Option	Feature	Part
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	<b>Number</b>	<b>Number</b>
System board memory		
IBM Personal System/2 2MB Memory Module Kit-70ns	129	6450902
IBM Personal System/2 4MB Memory Module Kit-70ns	128	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	30	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	162	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 are no longer available from IBM.