

IBM PS/2 (Model 56 SX/56 LS) - Technical Specifications

IBM Personal System/2 Model 56 SX/LS



General information

Machine type: 8556

Announce date: October, 1991

Excerpt from the original announcement letter;

"The IBM Personal System/2(R) Models 56 SX and 56 LS are three-slot, two-bay Micro Channel (R) systems designed to provide a small footprint, low price general business and Local Area Network (LAN) workstation solution. The PS/2 Models 56 SX and 56 LS are positioned between the Model 55 SX/LS and Model 57 SX of the low end Micro Channel (R) systems. The PS/2 Model 56 LS system units (24X) are shipped with all of the standard features of the Model 56 SX with the following exception: no DASD devices are installed in this medialess system, but a 16/4MBbps Token Ring network card with RIPL (24X) occupies one of three slots. The PS/2 Model 56 LS is fully upgradable to the Model 56 SX configurations. "

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: 3 (desktop case)

Ports: PS/2 keyboard, PS/2 mouse, serial, parallel, VGA,

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: 118w, 110-220VAC auto sense
Weight: 10.9 kg (24.0 lbs)
Dimensions (HxWxD): (115 x 360 x 395mm)

Mass storage

Drive bays: 2 (5.25" (2 accessible))
Floppy Disk
Size: 3.5 inch slim-height
Capacity: 2.88MB media sense
Hard disk
Size: 3.5 inch half-height
Capacity: 0MB (24x), 40MB (043), 80MB (045), 160MB (049),
Access time: 8.3ms
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

Software

Operating system: IBM PC DOS Versions 5.0 or higher

Configurations

Various memory, diskette drive, hard drive, monitor, and keyboard configurations including;
8556-043 - System Unit 386sx20, 4MB, 40MB, 2.88, 101 keyboard
8556-045 - System Unit 386sx20, 4MB, 80MB, 2.88, 101 keyboard
8556-049 - System Unit 386sx20, 4MB, 160MB, 2.88, 101 keyboard
8556-24X - System Unit 386sx20, 4MB, Token Ring 16/4, 101 keyboard (medialess workstation)

Options

Option	Feature Number	Part Number
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

Note: Options are no longer available from IBM.