

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

## IBM Personal System/2 Model 56 SLC/SLC LS



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#### **General information**

Machine type: 8556

Announce date: February 25, 1992

#### **Excerpt from the original announcement letter;**

"The Personal System/2(R) Models 56 SLC and 56 SLC 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. PS/2 Models 56 SLC and SLC LS feature the new IBM 386 SLC 20MHz microprocessor. This processor includes 8KB of internal cache with the cache controller and offers significant performance improvement over other 386 SX systems. The PS/2 Model 56 SLC offers two models with SCSI fixed disk capacities of 80MB (million byte) (8556-055) and 160MB (8556-059). The PS/2 Model 56 SLC LS system units (15X, 25X) are medialess LAN stations that shipped with all of the standard features of the Model 56 SLC with the following exception: no DASD devices are installed, but a 16/4Mbps Token Ring network card with RIPL (25X) or twisted pair/thick Ethernet card with RIPL (15X) occupies one of three slots. The PS/2 Model 56 SLC LS is fully upgradable to the Model 56 SLC configurations."

#### **System characteristics**

Microprocessor: IBM 386slc (32 bit)

Clock speed: 20 MHz

Coprocessor: socket for optional 80387 / 486slc2 processor upgrade

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, 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: 8kb L1, 0kb L2

### Physical description

Power supply: 118w, 110-220VAC auto sense

Weight: 11.1 kg (24.4 lb) (055)

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 (15X/25X), 80MB (055), 160MB (059),

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

### Software

Operating system: IBM PC DOS Versions 5.0 or higher

### Configurations

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

8556-055 - System Unit 386slc20, 4MB, 80MB, 2.88, 101 keyboard

8556-059 - System Unit 386slc20, 4MB, 160MB, 2.88, 101 keyboard

8556-15X - System Unit 386slc20, 4MB, Ethernet, 101 keyboard (medialess workstation)

8556-25X - System Unit 386slc20, 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

Plus many more IBM and 3rd party adapter cards...  
Note: Options are no longer available from IBM.