

# IBM PS/2 (Model 40 SLC) - Technical Specifications

## IBM Personal System/2 Model 40 SLC



### General information

Machine type: 8540-050, 055

Announce date: April, 1992

### Excerpt from the original announcement letter;

"The Personal System/2(R) (PS/2(R)) Model 40 SLC complements and enhances the PS/2 family of systems with the integration of the IBM 386SLC 20MHz microprocessor. The PS/2 Model 40 SLC features 8KB of internal cache as well as the internal cache controller and offers up to 88% performance improvement over the Model 40 SX, which it replaces. The Model 40 SLC provides 2MB of system board memory (expandable to 16MB on planar), 3.5-inch direct access storage device (DASD) options, five slots and four bays and 16-bit video graphics array (VGA). "

### System characteristics

Microprocessor: IBM 80386slc (32 bit)

Clock speed: 20 MHz, 0 wait states

Coprocessor: socket for optional i80387 math coprocessor

Type of BUS: 16-bit (AT BUS)

Total number of expansion slots: 5

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

### Memory

Min/Max on system board: 2/16MB

Type of memory:

RAM: DRAM (PS/2 72 pin SIMM) 85ns w. parity. (3 sockets, 2 available)

ROM: ?

Cache: 8kb L1

### Physical description

Power supply: 197w, 110/220VAC switchable  
Weight: 11.9 kg  
Dimensions (HxWxD): (169 x 440 x 394mm)

### Mass storage

Drive bays: 4 (1 x 3.5", 3 x 5.25")  
Floppy Disk  
Size: 3.5 inch slim-height  
Capacity: 2.88MB media sense  
Hard disk  
Size: 3.5 inch half-height  
Capacity: 0MB (model 050), 80MB (model 055)  
Access time: 17ms  
Interface: AT-IDE

### Display

Size:  
Display type:  
Graphics modes supported: Integrated 16-bit VGA Display adapter  
  
320x200, 256 colours  
640x480, 16 colours

### Keyboard

Type: 101 key enhanced or 122 key host connect

### Software

Operating system: IBM PC DOS Versions 5.0, OS/2 Version 2.0, or higher

### Configurations

Various memory, diskette drive, hard drive, monitor, and keyboard configurations including;  
8535-050 - PS/2 Model 40 SLC 2MB/0MB  
8535-055 - PS/2 Model 40 SLC 2MB/80MB

### Options

IBM Personal System/2 8MB Memory Module Kit-80ns 1401 6450129  
IBM Personal System/2 4MB Memory Module Kit-80ns 3933 87F9977  
IBM Personal System/2 1MB Memory Module Kit-85ns 5212 6450603  
IBM Personal System/2 2MB Memory Module Kit-85ns 5213 6450604  
IBM Personal System/2 2MB Memory Module Kit-80ns 5214 6450608  
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

<b>Communications/Connectivity</b>	<b>Feature Number</b>	<b>Part Number</b>
Serial/Parallel Adapter	215	6450215
IBM SDLC Communications Adapter	1205	1501205

IBM PC Network Adapter II	1220	1501220
IBM PC Network Baseband Adapter	1221	1501221
IBM Enhanced 5250 Display Station Emulation Adapter Kit, Version 2.2	2911	30F5383
IBM Enhanced 5250 Emulation Adapter and Cable Kit	5622	30F5622
IBM S/370 (TM) Channel Emulator Card	3200	6193413
IBM 3278/3279 Emulation Adapter	5050	53F6425
IBM Realtime Interface Co-Processor (128KB)	6165	85X2710
IBM Realtime Interface Co-Processor (512KB)	6166	85X2706
IBM Realtime Interface Co-Processor Multiport (128KB)	6241	00F5527
IBM Realtime Interface Co-Processor Multiport, Model 2 (1MB)	6590	33F8791
IBM Realtime Interface Co-Processor RS-232C Interface Board	6051	60X8738
IBM Realtime Interface Co-Processor CCITT V.35 Interface Board	6053	67X1256

<b>Description</b>	<b>Feature Number</b>	<b>Part Number</b>
IBM Realtime Interface Co-Processor RS-422A Interface Board	6064	67X1255
IBM Realtime Interface Co-Processor 20 mA Current Loop Interface Board	6066	67X1257
IBM Realtime Interface Co-Processor 128K Memory Expansion	6055	60X8199
IBM Realtime Interface Co-Processor 512K Memory Expansion	6161	76X1019
IBM Realtime Interface Co-Processor Multiport 512K Memory Expansion	6242	00F5529
IBM Realtime Interface Co-Processor Multiport Four Port RS-422 Addition	6243	09F1989
IBM Realtime Interface Co-Processor Multiport Four Port RS-232 Addition	6245	00F5530
IBM Realtime Interface Co-Processor Surge Protection Adapter	6361	53F2625
IBM Realtime Interface Co-Processor 8 Port RS-232 Interface Board/A	6362	53F2610
IBM Realtime Interface Co-Processor 8 Port RS-422	6363	53F2613

Interface Board/A		
IBM Realtime Interface Co-Processor Selectable Interface Board/A	6365	53F2616
IBM Realtime Interface Co-Processor 8 Port RS-232 Interface Board/A HML	6206	33F5338
IBM Realtime Interface Co-Processor 8 Port RS-422 Interface Board/A HML	6207	33F5339
IBM Realtime Interface Co-Processor Selectable Interface Board/A HML	6208	33F5340
IBM Token Ring Network 16/4 Adapter	7367	25F7367
IBM Token Ring Network PC Adapter II	9858	25F9858
IBM PC 5178-001 Network Translator Unit		5178001
IBM PC 5841-001 1200 Baud Modem (external)		5841001
IBM PC 5853-001 2400 Baud Modem (external)		5853001
IBM PC 8228-001 Token-Ring Network Multi-Station Access Unit		8228001

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