

IBM PS/2 (Model 35 SX/35 LS) - Technical Specifications

IBM Personal System/2 Model 35 SX / LS



General information

Machine type: 8535

Announce date: June, 1991

Excerpt from the original announcement letter;

"The Personal System/2 (R) (PS/2(R)) Models 35 SX & 35 LS provide a small footprint, low price general business and LAN (Local Area Network) workstation solution. The PS/2 Models 35 SX & 35 LS utilize the 80386SX microprocessor operating at 20MHz with zero to two wait states and has the following integrated functions: parallel port, serial port, pointing device port, video graphics array (VGA 16-bit) port, keyboard port, 1.44MB diskette drive support, Math Co-processor socket and three memory SIMM sockets (two available for memory expansion). The PS/2 Model 35 SX is offered in diskette only (040) and a 40MB (40 million bytes) fixed disk model (043). All models have 2MB's of memory standard on the system board (expandable to 16MB). The Model 35 LS system unit (24X) is shipped with all of the standard features of the Model 35 SX with the following exception. No DASD devices are installed in this medialess system but a 16/4 Token Ring card with RIPL occupies one of the three adapter slots. It is fully upgradable to the Model 35 SX configurations."

System characteristics

Microprocessor: Intel 80386sx (32 bit)

Clock speed: 20 MHz, 0-2 wait states

Coprocessor: socket for optional i80387 math coprocessor

Type of BUS: 16-bit (AT BUS)

Total number of expansion slots: 3

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: n/a

Physical description

Power supply: 118w, 110/220VAC auto sense
Weight: 10.8 kg (23.8 lbs) (Diskette and hardfile model)
Dimensions (HxWxD): (115 x 360 x 395mm)

Mass storage

Drive bays: 2 (2 x 5.25")
Floppy Disk
Size: 3.5 inch slim-height
Capacity: 1.44MB (Models 040 and 043 only, Model 24x is medialess)
Hard disk
Size: 3.5 inch half-height
Capacity: 40MB (model 043), 80MB (optional)
Access time: 17ms
Interface: AT-IDE

Display

Size:
Display type:
Graphics modes supported: Integrated 16-bit VGA Display adapter

Keyboard

Type: 101 key enhanced or 122 key host connect

Software

Operating system: IBM PC DOS Versions 3.30, 4.01, or higher

Configurations

Various memory, diskette drive, hard drive, monitor, and keyboard configurations including;
8535-040 PS/2 Model 35 SX, 2MB, 1.44MB, 101 keyboard
8535-043 PS/2 Model 35 SX, 2MB, 1.44MB, 40MB, 101 keyboard
8535-24X PS/2 Model 35 SX, 2MB, medialess workstation, 122 keyboard

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

Communications/Connectivity	Feature Number	Part Number
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

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

Note: Options are no longer available from IBM.