

PS/1 - 2121 - Technical specifications

Overview:

Source: Announcement letters A91-900, A92-248

The PS/1 2121 was released in October, 1991. The processor was changed to an 80386SX and expansion paths were added. The 4-Quad User Interface was maintained.

Types:

- E42 80386SX-16MHz, 40MB Fixed Disk, 2MB Memory
- P82 80386SX-20MHz, 40MB Fixed Disk, 2MB Memory
- R82 80386SX-16MHz, 40MB Fixed Disk, 2MB Memory

Note: Equivalent Canadian French models are: F42, Q82, T82

System Planar: Note: The System Unit is powered through the display and the two cannot be operated separately.

Microprocessor	80386SX
Clock Speed	16MHz (P/Q82 Types are 20MHz)
CoProcessor Socket	No
Bus Type	ISA/AT
Internal Bus	32-BIT
Address Bus	24-BIT
External Bus (I/O)	16-BIT
Interrupt Levels	16 Edge-triggered
DMA Channels	7
AT Adapter Slots	2-11 inch (E/F42 requires ACU)
Parallel Port	Yes
Serial Port	No (Adapter avail as an option)
Battery Life	15 years
Power on Password	No
Modem	2400bps Hayes Compatible

Memory:

Speed	85 NS
Wait States	0
Standard	2 MB
Max-IBM on System	6 MB

Max-OEM on System 16MB (Require OEM Expansion Card)

Chip Type DRAM

ROM Size 256K

Note: There is a slot for the Memory upgrade card at the bottom, front left corner of the unit (to remove unit cover, press button on top of system unit and slide the cover back). The memory card can be popped in and out of the slot using the small handle attached to the left corner of the card.

Media:

5" 1.44 MB Yes

Max Diskette Drives 2

Std Fixed Disk 80MB (40MB on E/F42)

Max # of Fixed Disks 2 (Only 1 on E/F42)

Fixed Disk Size 80 or 129 MB (No 2nd Drive on E42)

Controller Type IDE (Industry Standard)

Access Time 21 ms

Drive Options:

Part Number Description

92F9933 5.25" 360KB External Drive

92F9934 5." 1.2MB External Drive

92F9937 80MB Hard Drive

92F9938 129 MB Hard Drive

Video:

Note: The Display powers the System Unit; the two cannot be operated separately. There are NO "Video Disable" Jumpers.

Screen 12 inch

Mode VGA

Colours 16

Resolution 640 x 480

Dot Pitch 0.36 mm

Memory VRAM 256K (Not Upgradeable)

VGA Graphics 16-BIT

Options:

6450215 Serial/Parallel Adapter

92F9931 Audio Card and Joystick

92F9932 Audio Card

Preloaded Software:

- IBM DOS R4.01 DOS Kernel and interface in ROM
- Your Software (to locate and run programs)
- Install Software on Your Fixed Disk
- Microsoft(R) Works 2.0
- Windows 3.0 (not on E/F42 Types)
- Productivity Pak for Windows (not on E/F42 Types)
- PS/1 System Tutorial
- BASIC Programming Language

Physical Specifications:

System Unit and Display Dimensions

Width 27 cm (10.75 inches)

Depth 43 cm (17.0 inches)

Height 40 cm (15.75in) - (E/F42 36cm 14.25in)

Weight 18 kg (39 lbs)

Keyboard Dimensions

Width 45 cm (17.75 in)

Depth 11cm (6.25 in)

Height 4 cm (1.5in)

Weight 1 kg (2.1 lbs)

Electrical:

Note: Power input to display if for the entire system.

Low voltage Colour: 3 Wire, 120-125 V, 2.5 A, 50/60 Hz

Noise Level: Class 3D

Certifications:

Safety CSA

EMC DOC

Radiation DHHS Compliance

Modem DOC

Operating Environment:

Temperature 10 to 35 degrees C (50 to 95 degrees F

Humidity 8 to 80 percent

Warranty:

- One year from date of purchase.
- Covers hardware, software, and media.
- Customer Carry-in.