## IBM PS/2 Model 76 and 77 (i/s)

IBM <sup>®</sup> PS/2 <sup>®</sup> :	Model 76i	Model 76s	Model 77i	Model 77s
Type Models	9576 AU9 = 170M AUE ANB = 270M ATE		9577 AUB = 270M ANG = 527M ANB = 270M ATG = 527M ATB = 270M	
Processor / MHz Processor upgrade(s)	All: 486SX-33 to 486DX2-66 to	<b>33 MHz</b> ; N = <b>486DX2</b> at <b>66/33 MH</b> 486DX-33, 486DX2-66/33, DX4-1 DX4-100/33, or P24T P24CT (in 1996)		Multimedia: 6NB = 270M 7NG = 540M 7NB = 270M 6TG = 540M 6NG = 540M 7TG = 540M
Upgrade method	All: Replace CPU	in 237 pin Zero Insertion Force (ZII	, , ,	1
L2 cache - std / max L2 cache - write policy L2 cache - method	All: Write-through	6 KB; N = 128 KB / 256 KB; T = 256 with write buffer / direct mapped / 2 onnector for 128 KB or 256 KB SIN	20 ns associative write	er uses a 512 byte, 4 way set buffer to allow performance a write-back L2 cache
Memory - std / max Memory - speed / pins Memory - supported SIMMs Mem - total sockets / avail Memory - type Memory controller RAS	All: 4 sockets / 3 a All: Parity (IBM or	8, 16 MB SIMMs) It supports except on 7 vailable 70 ns only.	y controller is actually <b>Error Che</b> either parity or ECC SIMMs (pari 7s-VTG). If using ECC SIMMs, i ECC detects and corrects any s e found which halt system; some system.	ty SIMMs ship standard it supports 4, 8, or 16 MB EC ingle bit errors on the fly; all 2
Micro Channel <sup>®</sup> slots / avail (all 32 bit slots)		3 slots / 2 avail (SCSI ada eaming and data parity support	apt) 5 slots / 5 avail	5 / 4 avail (SCSI in one) 6xx, 7xx: 5 slots / 3 avail
Disk controller(s)	IDE / 2 drops (IDE		std) IDE / 2 drops (IDE disk std)	
Controller implementation Diskette drive	16 bit IDE on plana <i>All:</i> 2.88 MB 3.5" o	r / slave   16 bit SCSI adapter / a iskette drive / dust cover / media s	ve 16 bit IDE on planar / slave sense to correctly format, read, w	SCSI-2 Fast Adapter/A <sup>1</sup> 16 bit SCSI adapter / slave vrite 1, 2, and 4 MB diskettes
Graphics - controller Graphics - vendor / type Graphics - memory std/max Graphics - arch/data path Media access slot	All: VESA local bu	On DX2-66/33:           Celerator         WinMark 3.11 = 27           M) 70 ns         WinMark 4.0 = 12           s / 32 bit         WinMark 4.0 = 12           Slot on planar (see below)         3	5.25", HH 1.6", access, ope 3.5", SL 1", no access, std	disk (2)
Serial ports Parallel port	UART 16550A	al ports / DMA support / ./ 345.6 Kbps max speed		diskette en <sup>2</sup> @ en
Privileged-access passwd Power-on password Cover key lock J Bolt support Security options System Partition Software	All:     Yes     All:     S       All:     Yes     All:     E       All:     Yes     All:     C       All:     Cable Cover /     All:     C       All:     6 MB System     All:     Choice of five of	ital Product Data (VPD) enabled VGA graphics controller meets ISC isplay Power Mgmt Signaling (DPN Enhanced 2.88 MB diskette drive v Partition (Reference Diskette, diagr pp sys (not preinstalled):	0 9241-3 requirements       All:         MS) support       All:         vith electronic eject and removab         nostics on disk) that is visible via         ③ IBM DOS 5.02 / W	FDISK indows™ 3.1 (until 11/21/94)
BIOS	① IBM OS/2 <sup>®</sup> All: 256 KB Flash r	2.1 (until 11/21/94),  થ ́IBM OS/2 2 nemory (SurePath™) and in Systen	n Partition ⑤ IBM DOS 6.3 / W	indows 3.1 (until 11/21/94) indows 3.11
Keyboard Power supply Available date	118 watts / universa	keyboards <sup>①</sup> Enhanced 101 key & Il <sup>②</sup> Quiet (rubber dome) 101 key & Il al / automatic voltage sensing ultimedia models in November 1994	BM Enhanced mouse ④ Quiet Tou 197 watts / universal / mar	ch 84 key with TrackPoint II
Maximum disk capacity: Internal for Model 76i and 7 Only supports one 1 GB IDE would be master in t	IDE (a 540 MB	MULTIMEDIA MOI Model 77-6xx, 7xx: → Audiovation™ Adapter (sound - Mwave™ DSP based soun	card) of SCSI-2	7s-VTG (ECC model) uses Fast/Wide Adapter/A instead ·2 Fast Adapter/A
Internal for Model 76s: <b>2.0 GB</b> (two IBM 1 GB SCSI-2 disks; the IBM 2.0 GB SCSI-2 disk is not supported internally due to thermal issues) Internal for Model 77s: <b>4.54 GB</b> (two IBM 2 GB SCSI-2 disks and one 540 MB; thermal issues prevent three 2.0 GB)		- 16 DIT UD TO 44.1 KHZ record and playback		els have Media Access Slot ar to plug in either: ditional 1 MB VRAM for 928 diaBurst Movie Adapter
S3 86C928 VIDEO MODES		video compression algorithms and provides		PS/2 ANTY SERVICE SUPPOR
Frame Resolution Rate (Hz)	Mem- Maximum	CD-ROM/XA (double speed) p	lugged into	ANTY SERVICE SUPPOR
640 x 480 60, 75 640 x 480 70	ory colors 1 MB 16.7mil 1 MB 256	Audiovation adapter Microphone; integrated speaker Front mounted headphone and	er	ite warranty all 3 years ities in all states
800 x 600 56, 70, 75	1 MB 256	<ul> <li>A from mounted neadphone and</li> <li>A from Source of the second sec</li></ul>	ows 3.11 preinstalled	our / 7 day service coverage ur response time
800 x 600 60, 76 1024 x 768 43.5 (I) 1024 x 768 60 70 80	1 MB 65,536 2 MB 65,536	<ul> <li>Applets peinstalled:</li> <li>Band-In-A-Box 1.0 (MIDI n</li> </ul>	→ 24 ho nusic appl) → 24 ho	our / 7 day telephone suppor our / 7 day bulletin board
1024 x 768         60, 70, 80           1280 x 1024         43.5 (I), 60           1280 x 1024         45 (I), 60	1 MB 256 1 MB 16 <b>2 MB</b> 256	<ul> <li>TalkWorks 2.0 (Audio Rec</li> <li>Talk-To Plus 1.3 (Speech</li> <li>Monologue 1.5 (text to spe</li> </ul>	order/Editor) $\Rightarrow$ 24 ho navigation) $\Rightarrow$ IBM	our / 7 day fax support or dealer warranty/service ay money back guarantee

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