

IBM PS/2 Model 56 and 57

IBM® PS/2®:	56 486SLC3	56LS 486SLC3	57 486SLC3	M57 486SLC3
Type Models	9556 DE9 = 170 MB 13 ms DEB = 245 MB 16 ms DED = 340 MB 14 ms	9556 LAN Station (LS) 1EX = no disk, no diskette Ethernet 10BaseT 2EX = no disk, no diskette 16/4 Token-Ring	9557 DE9 = 170 MB 13 ms DEB = 245 MB 16 ms DED = 340 MB 14 ms DEG = 540 MB 10 ms	9557 Multimedia 6EB = 245 MB (DOS/Win) 6EG = 540 MB (DOS/Win) 7EB = 245 MB (OS/2 2.1) 7EG = 540 MB (OS/2 2.1)
Processor / MHz	All: 486SLC3 - 75/25 MHz (32% better performance than a 486SX 33 MHz for compute intensive applications) Soldered on planar			
Processor upgrade	All: None			
Math coprocessor	All: Open socket for 387SX - 25 MHz			
L2 cache - std / max	All: 0 KB / 0 KB			
Memory - std / max	All: 8 / 16 MB (4 MB std in LAN station)			
Memory - speed / pins	All: 70 ns / 72 pin			
Memory - supported SIMMs	All: 70 ns only (2, 4, 8 MB SIMMs)			
Mem - total sockets / avail	All: 3 sockets / 2 available			
Memory - type	All: Parity			
Architecture	All: Micro Channel®			
MCA slots / avail (all 16 bit slots)	3 slots / 3 available	3 slots / 2 available (LAN adapter uses one slot)	5 slots / 5 available	5 slots / 4 available (Audiovation™ uses one)
Disk controller	All: SCSI-2 (not Fast; not Wide; 5 MB per second maximum burst data transfer rate using 8 bit bus)			
Controller implementation	All: 16 bit to Micro Channel / busmaster / integrated on planar / uses proprietary local bus at 25 MHz			
Diskette drive	All (except none in LAN Station): 2.88 MB 3.5" diskette drive / dust cover / media sense for 1, 2, and 4 MB diskettes			
Graphics - controller	All: XGA-2 (on planar)	System	9556 - Three bays: (LAN Station has 3 open bays)	
Graphics - vendor / type	All: IBM / accelerator	rated at 9	① 5.25", SL 1", access, std diskette	diskette / disk
Graphics - memory std/max	All: 1 / 1 MB (VRAM) 100 ns	WinMarks	② 5.25", HH 1.6", access, open	
Graphics - arch/data path	All: Micro Channel bus / 16 bit		③ 3.5", SL 1", no access, std disk	②
	All: Power managed display support for VESA DPMS compatible displays		9557 - Four bays: (CD-ROM in ② on M57)	diskette / disk
Serial ports	All: Two 9 pin serial ports / DMA support / UART 16550A / 345.6 Kbps max speed		① 5.25", SL 1", access, std diskette	②
Parallel port	All: One (DMA) bidirectional / 100 KBps max spd		② 5.25", HH 1.6", access, open	③
			③ 5.25", HH 1.6", access, open	
			④ 3.5", HH 1.6", no access, std disk	
Security features:	All: C2 security enabled with LogicLock™ (LogicLock is a term comprising all security features on this model)			
Tamper evident cover	All: Yes			
Privileged-access passwd	All: Yes			
Power-on password	All: Yes			
Cover key lock	All: Yes			
U Bolt support	All: Yes			
Security options	All: Cable Cover / Enhanced 2.88 MB diskette drive with electronic eject and removable media security			
Software included	1 of 4 op sys (see below)	None	1 of 4 op sys (see below)	Preinstalled: DOS/WIN or OS/2
Power supply	118 watts / universal / automatic voltage sensing		197 watts / universal / manual switch setting	
System Partition	All (except LAN Station): 3 MB System Partition (Reference Diskette, diagnostics on disk)			
BIOS	All: 256 KB (SurePath™)			
Keyboard	All: Choice of four keyboards ① Enhanced 101 key ③ Enhanced 101 key with TrackPoint II; no mouse (\$cost)			
	② Quiet (rubber dome) 101 key ④ Quiet Touch 84 key with TrackPoint II; no mouse (\$cost)			
Mouse	All: IBM Enhanced mouse (400 dpi) except no mouse if select keyboard with TrackPoint™ II			
Available date	All: February 1994 (Multimedia 6EB, 6EG available March 1994; Multimedia 7EB, 7EG available June 1994)			

XGA-2 VIDEO MODES				
Resolution	Frame Rate (Hz)	Line Rate (kHz)	I/NI	Maximum colors/gray shades
640 x 480	60	31.5	NI	65536 / 256
640 x 480	72	37.8	NI	65536 / 256
640 x 480	75	39.4	NI	65536 / 256
800 x 600	56	35.2	NI	65536 / 256
800 x 600	60	37.9	NI	65536 / 256
800 x 600	72	48.1	NI	65536 / 256
800 x 600	75	50.0	NI	256 / 256
1024 x 768	43.5	35.5	I	256 / 256
1024 x 768	60	48.4	NI	256 / 256
1024 x 768	70	57.0	NI	256 / 256
1024 x 768	70	56.5	NI	256 / 256
1024 x 768	72	58.1	NI	256 / 256
1024 x 768	75	61.1	NI	256 / 256
1280 x 1024	50	53.4	I	16 / 16

Device drivers are needed to obtain the above video modes.

MULTIMEDIA MODELS (all M57)	
⇒	Audiovation Adapter (sound card)
⇒	CD-ROM/XA (double speed); attached to SCSI
⇒	Microphone and internal speaker
⇒	Front mounted headphone & microphone jacks
⇒	DOS 6.1/Windows 3.1 or OS/2 2.1 preinstalled
⇒	Speech recognition appl (Talk-To Plus™)
⇒	Text to speech appl (Monologue™)
⇒	MIDI music appl (Band-in-a-Box™)
AUDIOVATION (Multimedia models)	
⇒	Mwave™ DSP based sound adapter
⇒	16 bit; up to 44.1 kHz record and playback
⇒	Sound Blaster™ emulation
⇒	Internal connection for audio of CD-ROM
⇒	Software upgradeable for new sound features
Ethernet (1BX) model has a 10BaseT (twisted pair) connector. Data transfers via 10Base2 (thin coax), 10Base5 (thick coax), or a fiber optic cable can be done via an Attachment Unit Interface (AUI) connection and external transceiver.	

Choice of operating sys (until 11/21/94):
 IBM OS/2® 2.1
 IBM OS/2 2.00.1
 IBM DOS 6.1 / Windows™ 3.1
 IBM DOS 5.02 / Windows 3.1

After September 20, 1994:
 IBM OS/2 2.11
 IBM DOS 6.3 / Windows 3.11

Includes all software publications and all diskettes (operating system is not preinstalled except on M57 models)

PS/2 WARRANTY SERVICE SUPPORT

- ⇒ 3 year warranty
- ⇒ On site warranty all 3 years
- ⇒ All cities in all states
- ⇒ 24 hour / 7 day service coverage
- ⇒ 4 hour response time
- ⇒ 24 hour / 7 day telephone support
- ⇒ 24 hour / 7 day bulletin board
- ⇒ 24 hour / 7 day fax support
- ⇒ IBM or dealer warranty/service
- ⇒ 30 day money back guarantee