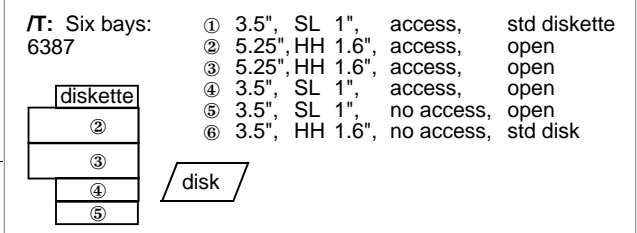
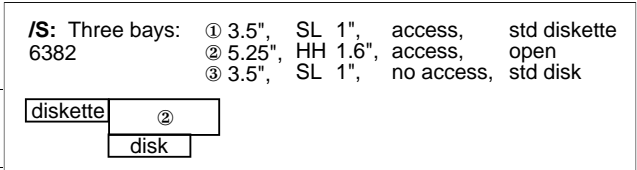
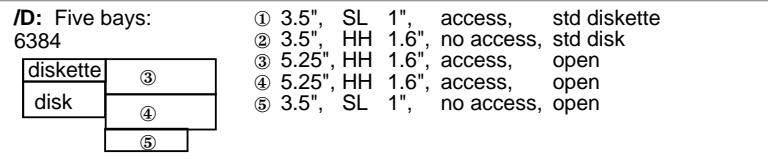


# IBM ValuePoint Reference (Spring 1993 models - withdrawn)

IBM® ValuePoint™:	≡ 425SX /S /D	≡ 433SX /S /D	≡ 433DX /S /D /T	≡ 466DX2 /D /T
Type Models	6382, 6384 Fxx	6382, 6384 Kxx	6382, 6384, 6387 Mxx	6384, 6387 Wxx
Processor / MHz	<b>486SX - 25 MHz</b>	<b>486SX - 33 MHz</b>	<b>486DX - 33 MHz</b>	<b>486DX2 - 66/33 MHz</b>
Processor upgrade(s)	① 486DX - 33 MHz ② 486DX2 - 50/25 MHz ③ 486DX2 - 66/33 MHz ④ P24T	① 486DX - 33 MHz ② 486DX2 - 66/33 MHz ③ P24T	① 486DX2 - 66/33 MHz ② P24T	① P24T
Upgrade method	Open 238 pin ZIF (disables original CPU)	Open 238 pin ZIF (disables original CPU)	Remove CPU from 238 pin ZIF socket	Remove CPU from 238 pin ZIF socket
L2 cache - std / max	0 KB / 256 KB			128 KB / 256 KB
L2 cache - write policy	Write-through			Write-through (/D)
L2 cache - organization	All: Direct mapped / SRAM / 15-20 ns			Write-back (/T)
L2 cache - method	All: 1 total SIMM socket for either 128 or 256KB SIMM			
Memory - std / max	All: 4 or 8 / 64 MB	Models xx0 = DOS 5.02/Windows 3.1 preinstalled with 4 MB standard memory		
Memory - speed / pins	All: 70 ns / 72 pin	Models xx1 = OS/2 2.00.1 preinstalled with 8 MB standard memory		
Memory - supported SIMMs	All: 70, 80, or 85 ns	Models x00 = No operating system included since no hard disk w/ 4 MB std memory		
Mem - total sockets / avail	All: 4 sockets / 3 available			
Memory - type	All: Parity (IBM or ind standard)			
Memory controller RAS	All: Dual RAS			
Graphics - controller	All: 86C805 (on planar)			
Graphics - vendor	All: S3 17 WinMarks			
Graphics - type	All: SVGA - accelerator			
Graphics - memory std / max	All: 1 / 2 MB (DRAM) 70 ns			
Graphics - arch / data path	All: VESA local bus / 32 bit			
ISA 16 bit slots / avail	/S: 3 / 2 (LAN adapter) /S: 3 / 3 /D: 5 / 5	/S: 3 / 2 (LAN adapter) /S: 3 / 3 /D: 5 / 5	/S: 3 slots / 3 available /D: 5 slots / 5 available /T: 6 slots / 6 available 1 slot / 1 available	/D: 5 slots / 5 available /T: 6 slots / 6 available
VL-Bus 32 bit slots / avail	1 slot / 1 available	1 slot / 1 available	1 slot / 1 available	1 slot / 1 available
Serial - ports	All: Two 9 pin			
Serial - controller / DMA	All: 1st: 16550A / DMA; 2nd: 16450 / non-DMA			
Serial - max speed	All: 1st: 345 Kbps; 2nd: 19.2 Kbps			
Parallel port	All: One (DMA) bidirectional			
Disk controller	All: IDE (16 bit)			
Diskette drive	All: 3.5" 1.44 MB			
BIOS	All: 128 KB Flash (IBM)			
Security	All: ① Cover key lock ② U-Bolt support ③ Diskette write inhibit ④ Serial/parallel port inhibit ⑤ Power-on password ⑥ Administrator password ⑦ Boot sequence control ⑧ Boot without keyboard/mouse			
Preloaded software	All: DOS 5.02 / Windows™ 3.1 or OS/2® 2.00.1 None on diskless or LAN models			
Keyboard / mouse	All: Enhanced 101 keyboard / IBM mouse			
Sound	All: Speaker			
Power supply	All: /S: 100 watts; /D, /T: 200 watts / universal / manual switch			
Announce date	All: April 1993			
Withdrawn date	All: December 1993			



Resolution	Frame Rate (Hz)	Line Rate (kHz)	Mem-ory	Maximum colors/gray shades
640 x 480	60	31.5	NI 1 MB	16.7mil / 256
640 x 480	72	37.8	NI 1 MB	65,536 / 256
800 x 600	56	35.1	NI 1 MB	256 / 256
800 x 600	60	37.9	NI 1 MB	65,536 / 256
800 x 600	72	48.1	NI 1 MB	256 / 256
1024 x 768	43.5	35.5	I 1 MB	256 / 256
1024 x 768	60	48.4	NI 1 MB	256 / 256
1024 x 768	70	56.5	NI 1 MB	256 / 256
1024 x 768	72	58.1	NI 1 MB	256 / 256
1280 x 1024	43.5	48.2	I 1 MB	16 / 16
1280 x 1024	43.5	46.0	I 2 MB	256 / 16

**On 433DX and 466DX2 models only**  
(due to 110 MHz DAC on 433DX/S, D, T, and 466DX2/D, /T)

1024 x 768	43.5	35	I 2 MB	65,536 / 256
1280 x 1024	60	64	NI 1 MB	16 / 16

**OTHER STANDARD FEATURES**

Dual orientation support  
Unattended start mode  
Ability to disable L1 or L2 cache for current boot

The Configuration Utility resides in Flash memory which can be invoked by pressing the F1 key during memory POST.

Diskettes and publications of preloaded operating system included (except diskless x00 and LAN models xYx and xZx).

**VALUEPOINT WARRANTY SERVICE SUPPORT**

- 1 year warranty
- On site warranty all year
- All cities in all states
- 8 am - 5 pm Mon - Fri coverage
- Next day response time
- Optional warranty: 4 hour response, 24 hr / 7 day coverage
- Post warranty: 2 options above
- 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