IBM PC 330 and PC 350 (486)

IBM® PC 300 Series:	**PC 330-486 (VL/ISA)**	**PC 350-486 (VL/ISA)**	**PC 330-486 (PCI/ISA)**	**PC 350-486 (PCI/ISA)**
Type - model	6571	6581	6573	6583
Available date	November 16, 1994	November 16, 1994	First quarter 1995	First quarter 1995
Processor / MHz	*All - choose*: **486DX2 - 50/25 MHz** (Upgrade to P24T Pentium™ OverDrive™)			
Processor upgrade(s)	**486DX2 - 66/33 MHz** (Upgrade to P24T Pentium OverDrive)			
	DX4 - 100/33 MHz (Upgrade to P24CT Pentium OverDrive) / DX4 model includes 3.45 voltage regulator			
Upgrade method	*All:* Remove CPU from 237 pin Zero Insertion Force (ZIF) socket (Intel® Socket 3)			

L2 cache - std / max	0 KB std / 256 KB max
L2 cache - write policy	**Write-back**
L2 - organization	Direct mapped / SRAM / 15 ns(tag) 20 ns(data)
L2 - method	5 DIP modules = 128 KB; add 4 more DIP for 256 KB

PC 330
6571/6573
SpaceSaver

Bay ① 5.25", HH	1.6",	access,	open
Bay ② 3.5", SL	1",	access,	std diskette
Bay ③ 3.5", SL	1",	no access,	std disk (not diskless)

▨ = PCMCIA front access

VL - ISA
Slot 1: fullsize, 16 bit ISA or 32 bit VESA 2.0
Slot 2: fullsize, 16 bit ISA
Slot 3: fullsize, 16 bit ISA

PCI - ISA
Slot 1: fullsize, 16 bit ISA or 32 bit PCI 2.0 5v
Slot 2: fullsize, 16 bit ISA or 32 bit PCI 2.0 5v
Slot 3: fullsize, 16 bit ISA

Memory - std / max	4 or 8 MB / 128 MB (70 ns / 72 pin)
Memory - supported	70 ns only (4, 8, 16, 32 MB SIMMs)
Mem - sockets / avail	4 sockets / 3 available non parity std
Memory - type	Non-parity / industry std (but supports parity)
Mem controller RAS	Dual RAS (does not look at PD bits)

Disk capacity	*Choose:* Diskless, or up to 4 disks of 270, 364, 527, 540, 728 MB, 1 GB IDE
Disk controller	**Enhanced IDE - VL** — 2 drop cable on 32 bit **VL-Bus 2.0** supporting PIO modes 0, 1, 2, 3
	Option: 2 drop cable on 16 bit ISA supporting PIO mode 0
Diskette drive	3.5" 1.44 MB / 330 has 2 drop cable; 350 has 3 drop cable (cable supports 3.5" 2.88 MB, 5.25" 1.2 MB, and tape)
CD-ROM	*Option:* IDE CD-ROM supported (SCSI CD-ROM supported with optional SCSI adapter)

Maximum internal disk capacity:
PC 330: 2 GB (Two x 1 GB IDE disk)
PC 350: 4 GB (Four x 1 GB IDE disk)

▨ | ① |
| diskette |
| disk |

Graphics - type	SVGA - 32 bit accelerator
Graphics - vend/name	Cirrus Logic™ / GD5430 (on planar)
Graph - memory	1 MB std / 1 MB max (DRAM 70 ns)
Graph - archtecture	**VESA VL-Bus 2.0 / 32 bit**
	Supports VESA DPMS signaling *WinMarks at* Automatic Refresh Rate utility *1024x768x256*
WinMarks	3.11 = 20 ; 4.0 = 13.3 *at 75 Hz / DX4*

PC 350
6581/6583
Desktop

Bay ① 3.5", SL	1",	access,	std diskette
Bay ② 5.25", HH	1.6",	access,	open
Bay ③ 5.25", HH	1.6",	access,	open
Bay ④ 3.5", SL	1",	no access,	std disk (disk only)
Bay ⑤ 3.5", SL	1",	no access,	open (disk only)

▨ = PCMCIA front access

▨ | diskette |
| disk | ② |
| ⑤ | ③ |

Serial - ports	Two 9 pin / 115 Kbps max speed
Serial - controller	16550A / non-DMA
Parallel port	One bidirectional (AT, PS/2, EPP, ECP)
Parallel port	DMA only in ECP mode (need drivers)

Architecture	Either a PCI/ISA or a VL/ISA riser card
	Option: change riser card to change local bus architecture of slots (SelectaBus™)

VL - ISA
Slot 1: fullsize, 16 bit ISA or 32 bit VESA 2.0
Slot 2: fullsize, 16 bit ISA
Slot 3: fullsize, 16 bit ISA
Slot 4: fullsize, 16 bit ISA
Slot 5: halfsize, 16 bit ISA

PCI - ISA
Slot 1: fullsize, 16 bit ISA or 32 bit PCI 2.0 5v
Slot 2: fullsize, 16 bit ISA or 32 bit PCI 2.0 5v
Slot 3: fullsize, 16 bit ISA
Slot 4: fullsize, 16 bit ISA
Slot 5: halfsize, 16 bit ISA

Audio	*Option:* Multimedia models with IDE CD-ROM, SoundBlaster™ 16 Value, speakers & microphone

Preloaded software	*Choose:* IBM DOS 6.3/Windows™ 3.11 or OS/2® Warp V3 (unless diskless)
	All: **Easy Tools** (many utilities, diagnostics, and appls)
	All: Welcome, First Steps, QAPlus/Win, *Windows only:* Library, CoSession™, FaxWorks™, QAPlus/Pro, Plug and Play Rapid Resume (Standby, Suspend, Utility, AnyView™, Wake Up on Ring, Scheduler), Video for Windows Runtime, NetFinity™, Diskette Factory, Reprint™ Mouse Control Center,

SECURITY
1. Cover key lock
2. U-Bolt support
3. Diskette write inhibit
4. Serial/parallel port inhibit
5. Power-on, 6. Administrator password
7. Boot sequence control
8. Boot without keyboard/mouse/diskette
9. Hard disk disable, 10. Diskette disable
11. Unattended start-up (network)
12. Sliding front door lock

Keyboard	Basic 101 keyboard (rubber dome)
	Option: Enhanced 101 key, Enhanced 101 key with TrackPoint II™
Mouse	IBM Enhanced Mouse (400 dpi)
Power supply	PC 330: 145 watts; PC 350: 200 watts / Rapid Resume Mgr support
	Universal / manual switch / built in overload and surge protection

GD5430 VIDEO MODES

Resolution	Frame Rate Hz (non-interlaced)	Memory required	Maximum colors
640 x 480	60, 75	1 MB	65,536
640 x 480	60	1 MB	16.7 mil
800 x 600	60, 75	1 MB	256
800 x 600	60	1 MB	65,536
1024 x 768	43.5(I), 60, 70, 75	1 MB	256
1280 x 1024	43.5(I)	1 MB	16

OTHER STANDARD FEATURES
Dual orientation (even with CD-ROM)
The Setup Utility resides in flash memory; invoked by pressing F1 key during memory POST
Plug-and-Play capable
Enhanced IDE supports 4 devices and has 2 modes ① Compatible (ANSI PIO Mode 0) or ② High Performance (ANSI PIO Mode 0, 1, 2, 3)
Advanced Power Mgmt 1.1
Auto Vertical Refresh Rate utility
ISO 9241-3 capable
Vital Product Data support
Energy Star compliant (to 4 watts)
Several hardcopy publications
128 KB SurePath™ BIOS in flash mem
SelectaBus (VL/ISA or PCI/ISA)
Support for DMI technology

HELPWARE for PC 300 SERIES WARRANTY SERVICE SUPPORT
➪ **3 year warranty (international)**
➪ **On site warranty 1st year**
➪ **8 am - 5 pm Mon - Fri coverage**
➪ **Next day response time**
➪ **Carry in 2nd/3rd years**
➪ **Warranty upgrade options:**

	On site (next day)	7 day x 24 hr
Year 1	**Standard**	**$ 30**
Year 2	**$ 30**	**on site + $ 10**
Year 3	**$ 30**	**on site + $ 10**

➪ **Post warranty: on site options**
➪ **24 hour / 7 day telephone, bulletin board, fax, and electronic support**
➪ **Online Housecall**
➪ **30 day money back guarantee**

Includes **Rapid Resume Manager™** which saves all current settings at power/timed off so when power on it restores the exact appls, window size/position, and other objects on screen. Includes **Standby, Suspend, Scheduler** (timed power off, start appl, display message) and **Wake Up On Ring** (powers on when modem call received)