Warning and Disclaimer

The following corrections apply to only the first printing of the book.

Pg	Error	Correction
78	Question 20: 20. In Figure 1.28, what type of component is depicted as ~~A~~?	20. In Figure 1.28, what type of component is depicted as **C**?

79	Question 24:	
	24. Which component in Figure 1.29 is considered to be the "brains" of the PC system?	24. Which component in Figure 1.29 is considered to be the "brains" of the PC system?
	A. ~~C~~	A. **A**
	B. ~~D~~	B. **B**
	C. E	C. E
	D. F	D. F
149	Question 22:	
	22. ~~B.~~ In an ATX system...	22. **A, B.** In an ATX system...
334	Challenge Solutions:	
	2. ...If the system's BIOS doesn't support large LBA or ECHS enhancements, the drive capacity of even the largest hard drive is limited to ~~528MB~~...	2. ...If the system's BIOS doesn't support large LBA or ECHS enhancements, the drive capacity of even the largest hard drive is limited to **504MB**...

564	Figure 15.10	Replace with this:
714	Figure 19.17	Replace with this:
1138	2nd paragraph, 7th line: ...an MBR in Windows 2000/XP (for example, <u>FDSIK</u>, ~~Mono~~). Although...	...an MBR in Windows 2000/XP (for example, <u>FDSIK</u>, <mark>MBR</mark>). Although...
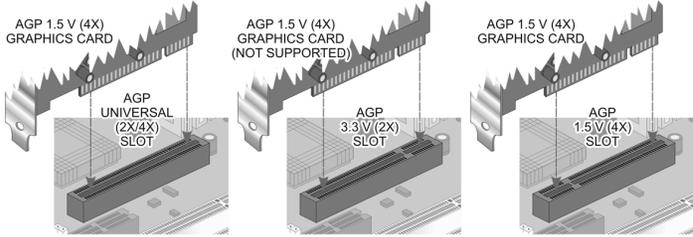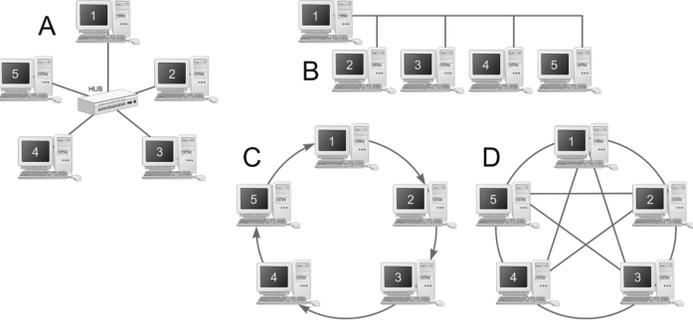
**The following corrections apply to the first and second printings of the book.**

Pg	Error	Correction
79	Question 23: 23. In Figure 1.29 the expansion slots are identified as _____. A. ~~B~~ B. C C. D D. E	23. In Figure 1.29 the expansion slots are identified as _____. A. **A** B. C C. D D. E
446	Delete the 2nd paragraph under the Protecting Monitors section: Aerosol sprays, solvents, and commercial cleaners should be avoided because they can damage the screen and cabinet. The simple cleaning solution, described earlier, is also fine for cleaning the monitor. Make sure that the monitor's power cord is disconnected from any power source before washing. The monitor's screen should be dried with a soft cloth after rinsing.	

456	(The second paragraph under the Uninterruptible Power Supplies section) Uninterruptible power supplies are battery-based systems that monitor the incoming power and kick in when unacceptable variations occur in the power ~~source~~. The term UPS is frequently used to describe two different types of power backup systems.	Uninterruptible power supplies are battery-based systems that monitor the incoming power and kick in when unacceptable variations occur in the power **source as illustrated in Figure 11.6**. The term UPS is frequently used to describe two different types of power backup systems.
456	Last paragraph Both types of UPS systems are depicted in Figure ~~11.6.~~	Both types of UPS systems are depicted in Figure **11.7**.
457	Figure 11.6 ~~UPS systems.~~	Figure 11.6 **A UPS system**.
493	Second paragraph, line three: ...execution and ~~512KB~~ L2 cache features...	...execution and **256KB** L2 cache features...
493	End of second paragraph, add a sentence in parenthesis to end of the paragraph.	**(The final version of the Pentium II featured a 512KB L2 cache.)**
494	1st paragraph, line 3 ...processor (code-named Katmai) was designed around the Pentium II...	...processor (code-named Katmai) was designed around the **original** Pentium II...
510	Question #3 Add words "the original" to question.	What is the major difference between **the original** Pentium II and Pentium II microprocessors?

512	Answer #3	...code-named Katmai) was designed around the **original** Pentium II core, but...
	Add word "original" to sentence.	
844	Question 8	
	8. Which Windows utility was designed specifically to make changes to the Registry in Windows NT, ~~2000 or XP~~?	8. Which Windows utility was designed specifically to make changes to the Registry in Windows NT **and Windows 2000**?
	A. ~~RegEdit32~~	A. **RegEdt32**
	B. SysEdit	B. SysEdit
	C. RegEdit	C. RegEdit
	D. PolEdit	D. PolEdit
849	8. **A.** ~~Windows 2000 includes~~ two Registry Editors: RegEdit and RegEdt32. Both utilities enable you to add, edit, and remove Registry entries and to perform other basic functions; however, specific functions can be performed only in one editor or the other. RegEdt32 is ~~the Registry Editor that is used with Windows NT/2000. RegEdit is the Registry Editor that~~ was introduced with Windows 95.	8. **A. Windows NT and Windows 2000 include** two Registry Editors: RegEdit and RegEdt32. Both utilities enable you to add, edit, and remove Registry entries and to perform other basic functions; however, specific functions can be performed only in one editor or the other. RegEdt32 is **designed specifically to manage the Windows NT/2000 Registry. RegEdit** was introduced with Windows 95.

The following corrections apply to the first three printings of the book.

Pg	Error	Correction
199	Replace Table 4.1	with:

INTERRUPT	DESCRIPTION	INTERRUPT	DESCRIPTION
NMI	I/O CHANNEL CHECK OR PARITY CHECK ERROR		
INTC1		INTC2	
IRQ0	TIMER/COUNTER ALARM	IRQ8	REAL-TIME CLOCK
IRQ1	KEYBOARD BUFFER FULL	IRQ9	SPARE
IRQ2	CASCADE FROM INTC2	IR110	SPARE
IRQ3	SERIAL PORT 2	IRQ11	SPARE
IRQ4	SERIAL PORT 1	IRQ12	SPARE PS/2 MOUSE
IRQ5	PARALLEL PORT 2	IRQ13	COPROCESSOR
IRQ6	FDD CONTROLLER	IRQ14	PRIMARY IDE CTRL
IRQ7	PARALLEL PORT 1	IRQ15	SECONDARY IDE CTRL

Pg	Error	Correction
202	Replace Table 4.4	with:

ADDRESS	FUNCTION
0–3FF	Interrupt Vectors
400–47F	ROM-BIOS RAM
480–5FF	BASIC and Special System Function RAM
600–9FFFF	Program Memory
A0000–BFFFF	VGA/EGA Display Memory
B0000–B7FFF	Monochrome Display Adapter Memory
B8000–BFFFF	Color Graphics Adapter Memory
C0000–C7FFF	VGA/SVGA BIOS
C8000–CBFFF	EIDE/SCSI ROM (also older HDD Types)
D0000–D7FFF	Spare ROM
D0000–DFFFF	LAN Adapter ROM
E0000–E7FFF	Spare ROM
E8000–EFFFF	Spare ROM
F0000–F3FFF	Spare ROM
F4000–F7FFF	Spare ROM
F8000–FBFFF	Spare ROM
FC000–FDFFF	ROM BIOS
FE000–FFFFF	ROM BIOS

226	Replace Figure 5.2	with:
230	Replace Figure 5.4	with:
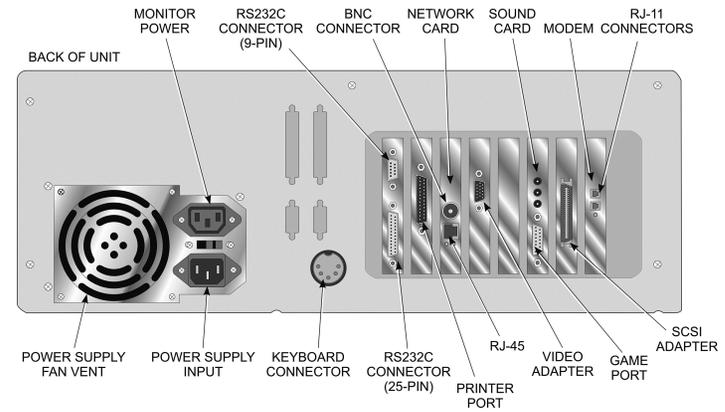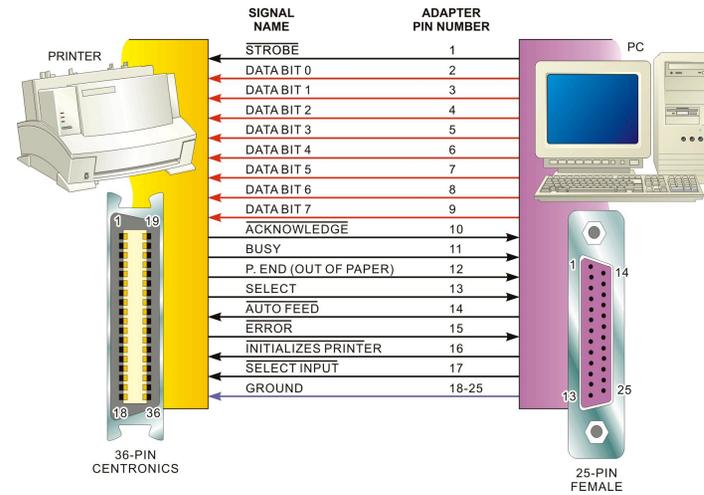
508	Replace Table 13.4	with:

MICROPROCESSOR	DIAMETER SIZE (mm)	VRM (VOLTS)	SPEED (MHz)	CACHE ON DIE (kB)	CACHE ON CARTRIDGE	CACHE ON BOARD (kB)	SOCKETS OR SLOT TYPES
Pentium	23.1x23.1	2.5–3.6	75–166	L1—8+8	-	L2—256/512	Socket 7
Pentium MMX	25.4x25.4	2.0–3.5	166–233	L1—16+16	-	L2—256/512	Socket 7
AMD - K6-2:K6-3	33.5x33.5	2.2–3.3	300–550	L1—32+32	-	L2—256/512	Super Socket 7
Pentium Pro	24.2x19.6	3.1–3.3	150, 166, 180, 200	L1—8+8	L2—256/512/1000	-	Socket 8
Pentium II/III Celeron (.25 micron)	25.4x25.4 18x62x140 Box	1.5–2.6	233–1000	L1—16+16	L2—256/512 128 kB	-	Slot 1
Xeon II/III (330) (.25 micron)	27.4x27.4 18x87x125 Box	1.5–2.6	500/550 700/900	L1—16+16	L2—512 kB 1 MB 2 M	-	Slot 2
Pentium III Celeron (.25 micron)	25.4x25.4 Slug 27.4x27.4 Opening	1.1–2.5	300–566	L1—16+16 L2—128/256	-	-	Socket 370 PPGA
Pentium III (Coppermine) Celeron (.18 micron)	9.3x11.3	1.1–2.5	667–1000	L1—16+16 L2—128/256	-	-	Socket 370 FC-PGA
Pentium III (Tualatin) Celeron (.13 micron)	31x31	1.1–2.5	800–1500	L1—16+16 L2—128/256/512	-	-	FC-PGA2
Pentium IV (.18 micron)	31x31	1.75	1300–2000	L1—12+8 L2—256	-	-	Socket 423 FC-PGA
Pentium IV (.18 micron) (.13 micron)	31x31 33x33	1.75 1.50	1400–2000 1800–3400	L1—12+8 L2—512	-	-	FC-PGA2
Pentium Xeon (.18 micron)	31x31	1.4–1.8 1.7	1400–2000	L1—12+8 L2—256	-	-	Socket 603 FC-BGA
Pentium Xeon (.13 micron)	35x35	1.4–1.8 1.475	1800–3400	L1—12+8 L2—512	-	-	Socket 603 FC-BGA2
Itanium (.18 micron) (266 MHz)	71.6x127.7	1.7	733/800	L1—16+16 L2—512	L3—2 MB 4 MB	-	PAC-418
Athlon Duron	9.1x13.1	1.75	800–1400	L1—64+64	L2—256 kB	-	Slot A242 CPGA
Athlon Duron	11.1x11.6	1.75	733–1800 1400–3200	L1—64+64	L2—256	-	Socket A462 ORGA

564	Replace Figure 15.10	with:

AGP 1.5 V (4X) GRAPHICS CARD — AGP UNIVERSAL (2X/4X) SLOT

AGP 1.5 V (4X) GRAPHICS CARD — AGP 1.5 V (4X) SLOT

AGP 1.5 V (4X) GRAPHICS CARD (NOT SUPPORTED) — AGP 3.3 V (2X) SLOT
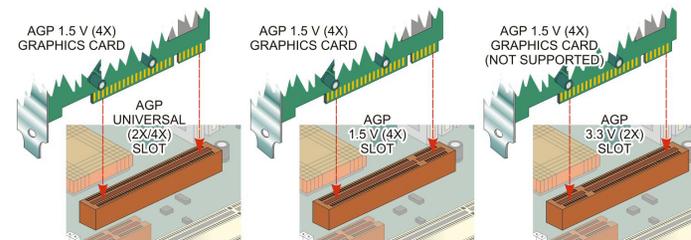
727	Replace Figure 20.2	with:
		PIN 8 BROWN WHITE/BROWN — PAIR 4 ORANGE WHITE/BLUE BLUE — PAIR 1 — PAIR 2 WHITE/ORANGE GREEN WHITE/GREEN — PAIR 3 PIN 1 **T568A STANDARD** PIN 8 BROWN WHITE/BROWN — PAIR 4 GREEN WHITE/BLUE BLUE/ — PAIR 1 — PAIR 3 WHITE/GREEN ORANGE WHITE/ORANGE — PAIR 2 PIN 1 **T568B STANDARD (MORE COMMON)**
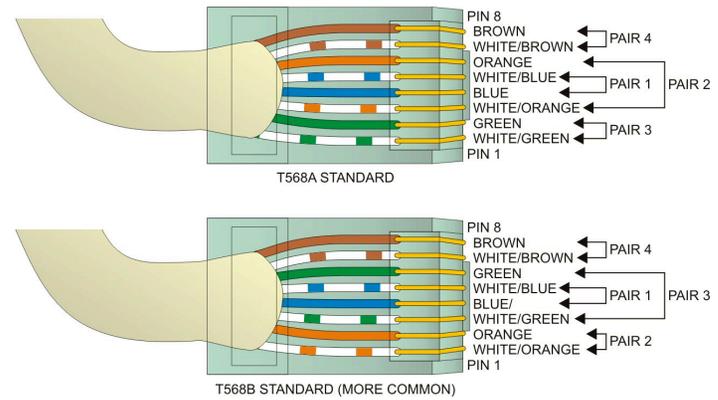
This errata sheet is intended to provide updated technical information. Spelling and grammar misprints are updated during the reprint process, but are not listed on this errata sheet.