SHARP

PC-4600 SERIES

COMPACT AND LIGHTWEIGHT COMPUTER WITH LARGE SUPERTWIST
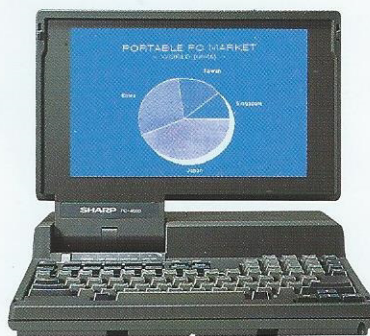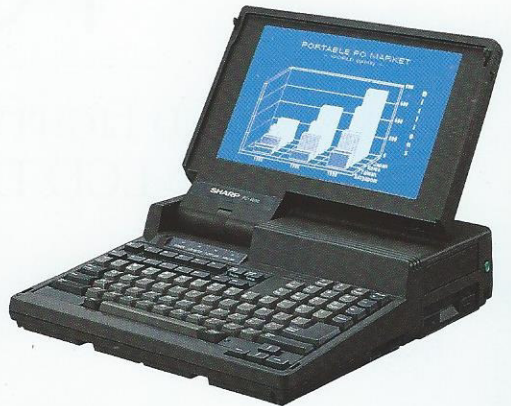LCD DISPLAY AND 40MB HARD DISK

Desk-top Power...

PC-4641

Personal Computer
with a 40MB HDD
and a 3.5″ 720KB FDD

The Sharp PC-4600 Series packs the power and sophistication of desk-top computers into a laptop size. The display screen is a large, illuminated Supertwist LCD with EL backlighting, so it's easy on the eyes and effortlessly readable. This versatile screen features both high contrast and wide viewing angles. The PC-4600 Series also offers large storage capacities. The PC-4641 incorporates a 40MB hard disk and a 3.5″ 720KB FDD. The PC-4602 comes with two 3.5″ 720KB floppy disk drives. The full size keyboard has separate cursor and numeric keypads and tactile typing keys. The PC-4600 Series offers the versatility of MS-DOS 3.3 and the convenience of battery operation, in addition to a host of options.

Lightweight, Laptop Design
The PC-4602 weighs just over 4.8 kg, and the PC-4641 is just over 5.4 kg.

Large Capacity 40MB HDD and 720KB FDD
The PC-4641 incorporates a fast 45ms 40MB hard disk drive. In addition, 3.5″ floppy disk drives (one on the PC-4641 and two on the PC-4602) provide 720KB of data storage. An optional external 5.25″ drive is also available.
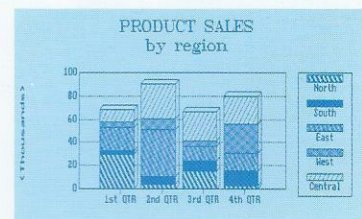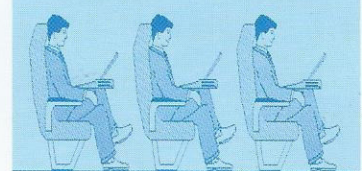
High-Speed CPU with Expandable Memory
Sharp's PC-4600 Series includes an 80188 compatible CPU which runs at 10MHz. Its standard 640KB of RAM is expandable to 1.6MB by adding a 1MB EMS memory card. A ROM disk card supports quick starts for standard or custom software, making it an excellent choice for customized applications.

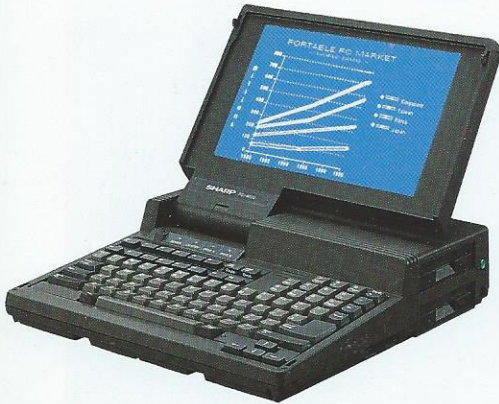## Large Illuminated Supertwist Liquid Crystal Display
The full size display is a large "easy-on-the-eyes" supertwist LCD. It supports an 8 × 16 dot character box and an 80-character by 25-line text format. Four shades of gray (tiling) can be displayed in the 640 × 400 pixel area for colour representation. An optional CRT adapter supports CGA compatible colour monitors for colour graphics, or a monochrome monitor.

Use it anywhere...

PRODUCT SALES by region

Battery Operation
A lead battery provides hours of uninterrupted mobile operation, even while using the bright backlit display.

PC-4602

Personal Computer
with dual 3.5″ 720KB
FDDs

Feature-Packed Full Size Keyboard

The 90-key, step-sculptured keyboard includes a separate numeric keypad, 10 programmable function keys, separate cursor keys and a large return key. Error-free operation is enhanced by tactile typing keys. LED indicators highlight caps lock, number lock and scroll lock modes. A single key activates a "system set-up" menu.

Convenient System Expandability

Interfaces include a serial interface (RS-232C), parallel printer interface (Centronics) and an external 5.25″ FDD. An optional ROM disk card, 1MB EMS memory card or CRT adapter can be added. An additional RS-232C port is available.

Ergonomic Design

The step-sculptured keyboard features both tactile and audible feedback, while the display screen offers contrast and brightness settings. There's also an easy-to-grasp carrying handle for instant portability.

User Interface

An "Auto Power On" function allows automatic start up at a user-specified time.

PC-4641

- IBM® PC/XT™ compatibility.
- Built-in 40MB (45ms) hard disk drive and 3.5″ 720KB floppy disk drive.
- Battery operation.
- Large, illuminated supertwist LCD with EL backlighting.
- 80 × 25 character text and 640 × 400 pixels for CGA emulation.
- 90-key step-sculptured keyboard with tactile keys and a separate numeric keypad.
- 80188 compatible CPU running at a fast 10MHz; socket for optional 8087 numeric coprocessor.
- Standard 640KB memory expandable to 1.6MB with optional 1MB EMS memory card.
- Built-in serial/parallel interfaces and external FDD interface.
- Optional colour/monochrome CRT adapter.
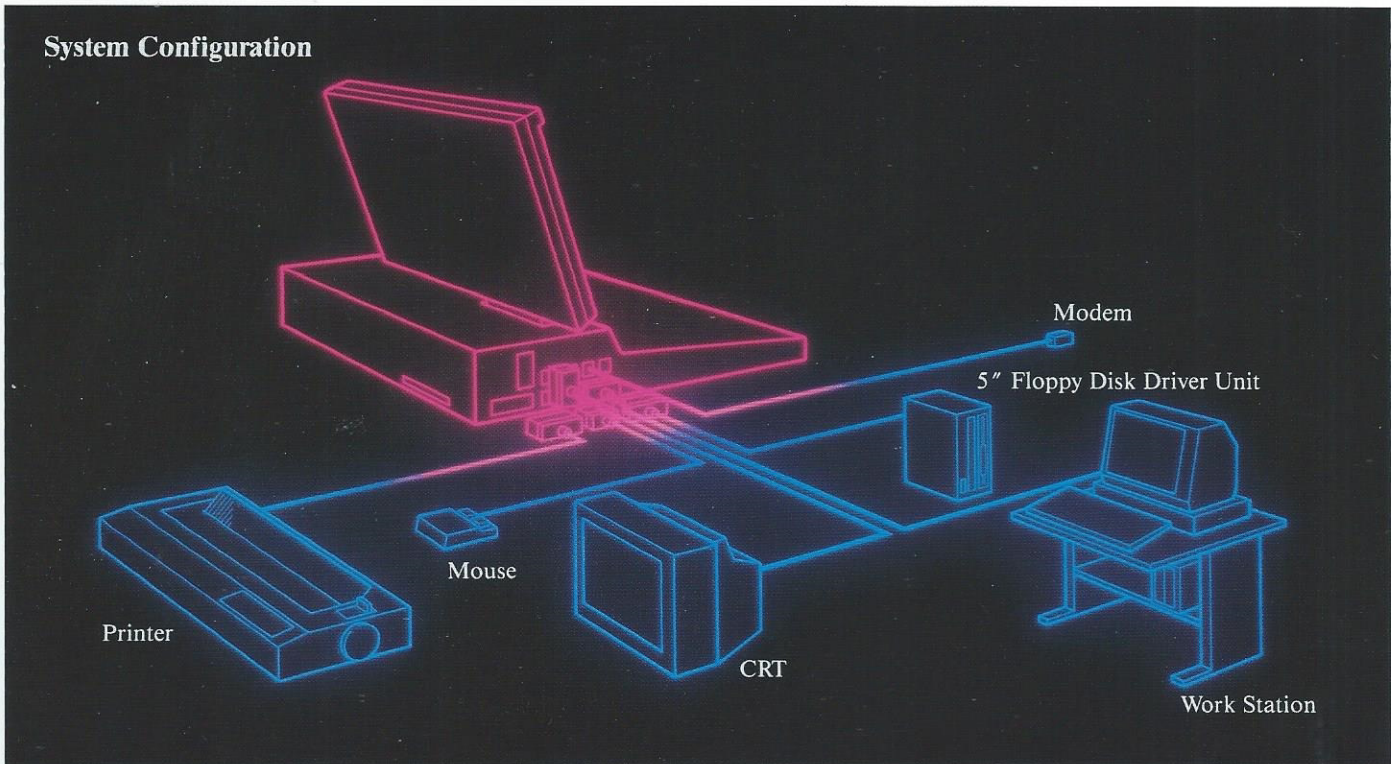- MS-DOS 3.3/GW-BASIC 3.2.

PC-4602

- IBM® PC™ compatibility.
- Lightweight, compact portable design.
- Built-in dual 3.5″ 720KB floppy disk drives.
- Battery operation.
- Large, illuminated supertwist LCD with EL backlighting.
- 80 × 25 character text and 640 × 400 pixels for CGA emulation.
- 90-key step-sculptured keyboard with tactile keys and a separate numeric keypad.
- 80188 compatible CPU running at fast 10MHz; socket for optional 8087 numeric coprocessor.
- Standard 640KB memory expandable to 1.6MB with optional 1MB EMS memory card.
- Built-in serial/parallel interfaces and external FDD interface.
- Optional colour/monochrome CRT adapter.
- MS-DOS 3.3/GW-BASIC 3.2.

Laptop Size

PERSONAL COMPUTER
PC-4641/4602

System Configuration

Modem
5″ Floppy Disk Driver Unit
Mouse
Printer
CRT
Work Station

SPECIFICATIONS

Hardware	PC-4641
CPU	80188 compatible Clock speed: 10MHz Socket for 8087 coprocessor (10MHz)

Memory
  ROM
  RAM
  EMS memory card
  (optional)
	
	64KB (BIOS, set-up, etc.)
	640KB standard
	
	1MB

Hard disk drive	3.5″ 40MB HDD × 1 (45ms access time)
Floppy disk drive	3.5″ 720KB FDD × 1
Display	Supertwist liquid crystal display with EL backlighting 80 characters × 25 lines (640 × 400 pixels) CGA, MDA and AT&T graphic emulation
Keyboard	90-key step-sculptured keyboard Separate cursor and numeric keypads
I/O ports (standard)	Serial (RS-232C) interface port × 1 Parallel (Centronics) interface port × 1 External floppy disk drive interface × 1
I/O slot	Slot for colour/monochrome CRT adapter, ROM disk card or 1MB EMS memory card × 1 Slot for second SIO card × 1
Dimensions	307(W) × 348(D) × 81(H) mm [12.1″(W) × 13.7″(D) × 3.2″(H)]
Weight	5.45 kg (12.0 lbs.) (without AC adapter)
Power supply	Rechargeable lead battery (life: up to 2.5 hours) AC adapter
Software	
Operating system	MS-DOS® 3.3
Language	GW-BASIC® 3.2

Hardware	PC-4602
CPU	80188 compatible Clock speed: 10MHz Socket for 8087 coprocessor (10MHz)

Memory
  ROM
  RAM
  EMS memory card
  (optional)
	
	64KB (BIOS, set-up, etc.)
	640KB standard
	
	1MB

Floppy disk drive	3.5″ 720KB FDD × 2
Display	Supertwist liquid crystal display with EL backlighting 80 characters × 25 lines (640 × 400 pixels) CGA, MDA and AT&T graphic emulation
Keyboard	90-key step-sculptured keyboard Separate cursor and numeric keypads
I/O ports (standard)	Serial (RS-232C) interface port × 1 Parallel (Centronics) interface port × 1 External floppy disk drive interface × 1
I/O slot	Slot for colour/monochrome CRT adapter, ROM disk card or 1MB EMS memory card × 1 Slot for second SIO card × 1
Dimensions	307(W) × 348(D) × 81(H) mm [12.1″(W) × 13.7″(D) × 3.2″(H)]
Weight	4.85 kg (10.7 lbs.) (without AC adapter)
Power supply	Rechargeable lead battery (life: up to 4 hours) AC adapter
Software	
Operating system	MS-DOS® 3.3
Language	GW-BASIC® 3.2

Note: IBM is a registered trademark of International Business Machines Corporation. IBM PC and PC/XT are trademarks of International Business Machines Corporation. MS-DOS and GW-BASIC are registered trademarks of Microsoft Corporation.
Design and specifications are subject to change without notice.

Distributed by: