

SHARP

PC-7100 Compact Personal Computer

Compact Personal Computer Featuring a Built-in 20MB Hard Disk Drive, Illuminated Supertwist Liquid Crystal Display and Extensive Software Compatibility



The picture represents the U.S. model.

The PC-7100 is a compact, transportable personal computer offering the kind of powerful features usually associated with larger desk-top models.

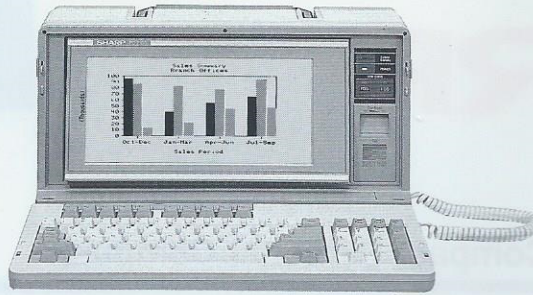
A built-in 20MB hard disk drive provides fast and convenient access to large amounts of information. The PC-7100's slim-line floppy disk drive uses the standard IBM® format for industry standard software compatibility.

In addition to a standard 320KB of RAM—expandable to 704KB—the PC-7100 uses an advanced 16-bit micro-

processor for high-speed processing of demanding applications. An integrated Supertwist LCD Panel with Electro-Luminescent backlighting delivers improved image contrast, while a detachable, ergonomically designed keyboard allows comfortable operation.

The PC-7100's combination of compact portability, large data storage capacity and IBM® software compatibility makes it ideal for businessmen and professionals who need an advanced, high-productivity workstation.

PC-7100



Product Configuration

■ CPU

- 16-bit i80C86-2 processor (7.37MHz clock speed)
- Slower processing speed available for time-dependent applications
- Socket for the i8087 numeric processor

■ Memory

- Standard 320KB of RAM
- Expandable to 704KB (128KB increments)

■ Floppy Disk Drive

- Built-in 5-1/4" slim-line floppy disk drive
- 320/360KB (formatted) per disk, 8/9 sector IBM® PC format

■ Hard Disk Drive

- Built-in 3-1/2" hard disk drive
- 20MB (formatted)
- 49ms average access time

■ Display

- Improved-contrast Illuminated Supertwist Liquid Crystal Display
- EL (electro-luminescent) backlighting
- 80 characters x 25 lines
- 640 x 200 pixels for bit-mapped graphics
- Tilt adjustable

■ Keyboard

- Detachable ergonomic design
- 84 full-stroke keys including 10 function keys and a separate numeric keypad
- LED indicators for CAPS Lock, NUM Lock, and Scroll Lock
- Conforms to the IBM® PC/AT layout
- 3 angle adjustments

■ I/O Ports

- RS232C port (asynchronous)
- Parallel port (Centronics)

■ Software

- Operating system: MS-DOS 2.11
- IBM®-PC, PC/XT software compatible*

■ System Set-Up

- Built-in menu driven set-up software for easy;
 - * Time & Date adjustment
 - * Display selections
 - * I/O ports, modem, and printer settings, etc.

■ Power Supply

- AC local voltage, 50/60Hz

■ Compact Transportable Design

- Entire system combines into one lightweight unit

■ Dimensions

- 16.1" (W) x 6.3" (D) x 8.5" (H)
410(W) x 160(D) x 215(H)mm

■ Weight

- Approx. 20.6 lbs/ 9.3kg (standard unit including keyboard)

*The PC-7100 runs most of the popular software written for the IBM®-PC, & PC/XT.

Options

■ Internal Options

- 128KB RAM kit (CE-700R)
- Colour/monochrome CRT adaptor (CE-720A)
 - Colour mode
 - * Interface: RGB
 - * Text: 7 x 7-pixel font in an 8 x 8-pixel box, 16 colours
 - * Graphics: 320 x 200 pixels with 4 colours, or 640 x 200 pixels in black & white
 - * IBM® colour graphics adaptor (CGA) equivalent.
 - * For use with the IBM® Colour Display or an equivalent

Monochrome mode

- * Text: 7 x 9-pixel font in a 9 x 14-pixel box
- * For use with the IBM® Monochrome Display or an equivalent
- White EL panel (CE-701L)
- Green EL panel (CE-702L)
- Card modem (CE-700M)**
 - * Bell 103/212A
 - * 300/1200 baud rates
 - * Asynchronous
 - * Auto-dial, auto-answer functions
 - * Hayes command set

■ Printer

- Thermal printer (CE-700P)
- Can be attached to the main unit for easy transportability
- High density dot matrix character fonts of 32 x 48 (Courier Style) and 32 x 40 (Elite Style)
- Character Spacing: 10, 12, and 17
- Speed: Maximum of 72 characters/sec. in draft mode
- Interface: Centronics parallel
- Weight: Approx. 9.9 lbs./4.5kg
- CG font card (CE-705R) Orator and Boldface style
- IBM® Graphic Printer font card (CE-706R)
 - * For emulation of the IBM® Graphic Printer 1

■ Others

- GW BASIC language
- Carrying case
- Expansion unit (CE-710E)
 - * 3 expansion slots accept *selected* PC compatible cards (full-size or half-size)
 - * 20MB hard disk option (CE-701D)
 - * Hard disk unit (CE-720E)
 - * Portable 20MB HD unit attaches to the PC-7100

**North America only

Note 1: IBM is a registered trademark of International Business Machines Corporation; IBM PC-AT is a trademark of International Business Machines Corporation.

Note 2: MS-DOS and GW-BASIC are trademarks of Microsoft Corporation.

Design and specifications subject to change without notice.

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SHARP ELECTRONICS CORPORATION
Sharp Plaza, Mahwah, New Jersey 07430-2135, U.S.A.
PHONE: (201) 529-8200

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