SHARP

THE COMPANY THAT CREATED THE INDUSTRY®

PC-1250

Pocket Computer

Wallet-Size Computer Featuring Extended BASIC, C-MOS 8-Bit CPU and Optional Integrated Printer/Microcassette Recorder

Pocket Computer System
(PC-1250 with Optional Integrated Printer/Microcassette Recorder)

pocketcalc.com

CE-125 Printer/Microcassette Recorder

PC-1250 Pocket Computer

Advanced Pocket Computer from Sharp For the right combination of operational ease, programming versatility and system superiority — all in a go-with-you anywhere unit.

promsoft.com

Slimmer than slim. But packed into this super-compact package comes full computer capability. Extended BASIC, upgraded from the PC-1211. 8-bit CPU. Add the CE-125 Printer/Microcassette Recorder, and you have a system that's as complete as it is ready to go.
In hand or in briefcase.

Extended BASIC, with Versatile Commands and Statements

Sharp has given BASIC an added set of commands and statements which let you program for wider applications—and with easy-to-master steps. DIM, for example, handles variables in two-dimensional arrays for easier matrix calculations. STRING makes characters and digits all the more manageable. And INKEY$ lets you write programs which allow input to be keyed in while the program is running. With the extended BASIC, this so pocketable computer truly belongs in the personal computer class—ideal for beginners, versatile for experts.

Full Utilization of Programs Developed for the PC-1211

Sharp's PC-1250 puts you a step ahead in software from the first moment of use. The BASIC covers all the commands and statements of our PC-1211, so you can either key in or load from a prepared cassette all the programs developed for the PC-1211.

C-MOS 8-Bit CPU for Fast Processing

Fast processing of data is assured from the 8-bit CPU, while the C-MOS design means low power consumption for longer battery life.

24k Bytes of ROM, 2.2k Bytes of RAM

Despite its compact dimensions, the PC-1250 packs in 24k bytes of ROM and 2.2k bytes of RAM, including 1.7k bytes of user area. With this large memory capacity, you can write or load long programs for a variety of applications.

18 Reservable Keys for Fast Programming

Frequently used commands, statements or mathematical functions can be user-defined in single-key actions. With 18 reservable keys, program input is faster and at the same time more accurate, for overall computational efficiency.

18 Definable Keys for Quick Program Recall

You can register 18 frequently used programs under 18 keys, for later instant recall simply at the press of the appropriate key.

Memory Safeguard

Battery back-up protects the contents of the memory in the RAM when power is off. With this feature, you can turn off the unit in the middle of a program, or load several programs and, without the need to rewrite or reload.

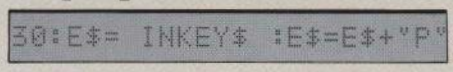
Typewriter-Like Key Arrangement and 10 Large Numerical Keys

Quick key access is assured from the typewriter-like arrangement of the PC-1250's alphabetic keyboard. And the large keys of its numerical keyboard make for quicker, error-free operation.

Special Pass Code Function

You can assign a secret code for each program, thereby limiting access to only those who know the code.

24-Digit 5×7 Dot Matrix Display



Up to 24 letters and/or figures can be displayed at one time, each in a clearly readable 5 × 7 dot matrix form.
The brightness of the display can be continually varied by the contrast adjustment dial, providing clear reading anywhere.

Reserve/Program/Run Mode Selector

The selector makes possible one-touch selection of reserve, program or run modes.

Other Features

- Auto power-off to prevent battery drain
- 10-digit calculation
- Comes with wallet case

promsoft.com

CE-125 Printer/Microcassette Recorder

PC-1250 Pocket Computer

Advanced Pocket Computer from Sharp For the right combination of operational ease, programming versatility and system superiority — all in a go-with-you anywhere unit.

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CE-125 P

Go with your PC-1250, for real computer power wherever you are. And for whatever you're doing—business, engineering or hobby.

The PC-1250. From the pocket computer master, Sharp. No bigger than a wallet, but packed with real computer power. Speed? Yes, plenty of it—and with BASIC language operational simplicity. What's more, you can use any of the vast store of software already available for the PC-1211. So, when business—or pleasure—calls, just slip in the PC-1250 and you're ready to go.

Comes with an attractive wallet.

oldcomputermuseum.com

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Specifications

Model:	PC-1250
Number of calculation digits:	10 digits (mantissa) + 2 digits (exponent)
Calculation system:	According to mathematical formula (with priority judging function)
Program language:	BASIC
Capacity:	Program memory; Max. 1438 steps Reserve memory; Max. 48 steps
Stack:	For data; 8 stacks For function; 16 stacks For subroutine; 10 stacks For FOR-NEXT statement; 5 stacks
Calculation:	Four arithmetic calculations, power calculation, trigonometric and inverse trigonometric functions, logarithmic and exponential functions, angular conversion, extraction of square root, sign function, absolutes, integers, and logical calculations
Editing function:	Cursor shifting (▶, ◀) Insertion (INS) Deletion (DEL) Line up and down
Memory protection:	C-MOS battery back-up
Display:	24-digit alphanumeric dot matrix liquid crystal display
Component:	C-MOS LSI, etc.
Power supply:	Lithium cell (CR-2032) × 2, Approx. 300 hours
Power consumption:	0.03W
Operating temperature:	0°C—40°C (32°F—104°F)
Dimensions:	135(W) × 70(D) × 9.5(H)mm 5-5/16˝(W) × 2-3/4˝(D) × 3/8˝(H)
Weight:	115g (0.25 lb.)
Accessories:	Wallet, lithium cell × 2 (built-in), instruction manual, template × 2

CE-125 Specifications

PRINTER

Type:	Thermal printer
Printing digits:	24-digit
Printing speed:	Approx. 0.8 line/second
Printing paper:	Thermal printing paper Width; 18mm (23/32˝), Diameter; 58mm (2-9/32˝)

TAPE RECORDER

Type:	Monaural micro cassette tape recorder
Track system:	2-track, 1-channel monophonic
Tape:	Micro cassette tape
Tape speed:	15/16˝ ips. (2.4cm/sec.)
Input terminal:	3.5ø matching impedance under less than 1kΩ

GENERAL

Power source:	Rechargeable Ni-Cd battery Approx. 2,000 lines (when using printer only) Approx. 4 hours (when using cassette tape recorder only) AC adaptor (EA-23E)
Power consumption:	2.5W
Operating temperature:	0°C ~ 40°C
Dimensions:	205(W) × 149(D) × 23(H)mm 8-1/16˝(W) × 5-7/8˝(D) × 29/32˝(H)
Weight:	550g (1.2 lbs.)
Accessories:	Carrying Case, Micro cassette tape × 1, AC adaptor (EA-23E), Paper Roll × 3, cassette cable, cotton swab, instruction manual

BASIC Language Specifications

Command:	RUN, NEW, LLIST, LPRINT, PASS, LIST CONT. TR ON, TR OFF
Statement:	INPUT, PRINT, PAUSE, USING, WAIT, IF...THEN, STOP, GOTO, ON...GOTO, GOSUB, ON...GOSUB, RETURN, FOR...TO...STEP, NEXT, END, DIM, LET, REM, DATA, READ, RESTORE, BEEP, AREAD, CLEAR, RANDOM, DEGREE, RADIAN, GRAD
Operation:	+, −, ×, /, (,), >, <, > =, < =, <>, =, ∧, AND, OR, NOT, &
Function:	SIN, COS, TAN, ASN ACS, ATN, LN, LOG, EXP, DEG, DMS, RND, SGN, ABS, INT, PI (π), LEFT$, RIGHT$, MID$, ASC, VAL, LEN, CHR$, STR$, MEM, SQR (√)
Variable:	A—Z, A$—Z$, two-dimensional arrays applicable
Cassette control:	CSAVE, CLOAD, CLOAD?, CHAIN, INPUT#, PRINT#, MERGE
Other:	INKEY$, ,, ;, :, "

* Design and specifications subject to change without notice.

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