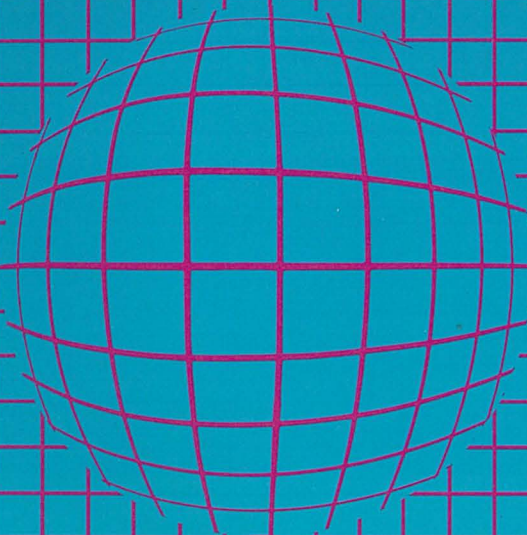


# HP-75 C battery-powered portable computer

You and your Hewlett-Packard  
achieving better results



HEWLETT  
PACKARD



# Lightweight traveling companion with heavyweight problem-solving power

Despite its light weight (740 grams/26 oz) and trim dimensions, HP-75C packs as much capability as many a desk-top computer.

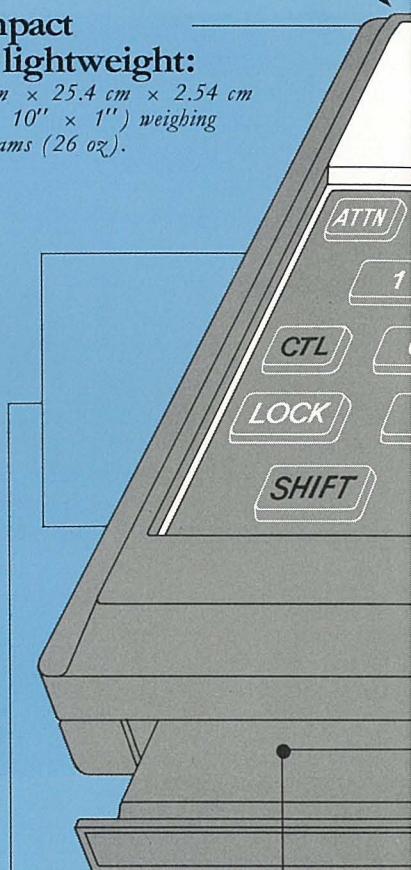
HP-75C is battery powered so you can use it for computation and data collection in the field. You can make it the centre of a briefcase portable system with battery-operated mass-storage, battery-operated printer and plug-in software. Or you can return to the office or laboratory and use it as the heart of a fully-configured personal computer system or instrument controller.

With 16K resident bytes of user memory (expandable to 24K bytes) you have the muscle to manipulate complex equations, collect and transfer data, write programs in BASIC or assembler language, store and retrieve information through a multiple file structure, store appointments and set alarms.

Ready written software covers the major subjects for engineers, scientists and business managers. Or you can customize your HP-75C for use by groups of people. You develop your own plug-in custom software and reassign keyboard functions labelled with an overlay.

## Compact and lightweight:

12.7 cm x 25.4 cm x 2.54 cm  
(5" x 10" x 1") weighing  
740 grams (26 oz).



## Touchtype QWERTY keyboard,

redefinable at will or under program control.

Three  
for pre-n  
16K By

## Built-in beeper

*for programmable acoustic alarms.*

## HP-IL interface

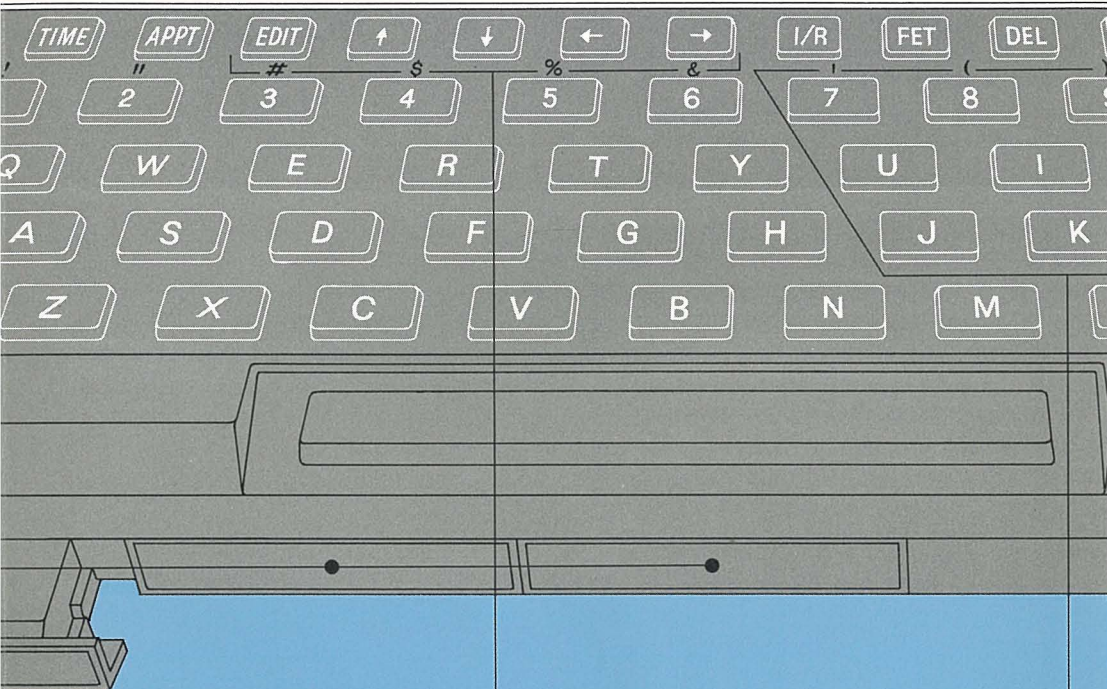
*for battery-operated cassette drive, battery-operated printer, instrumentation control, video monitor, colour graphics plotter, full-width printer, larger systems.*

## 32 chara

## LCD

*with scrolling  
acters.*

THU 12\08\1982 13:59:48 \*\*



## e plug-in ports

*written or custom software modules,  
tes each.*

## Friendly editing keys



### Battery pack

*with rechargeable nickel cadmium batteries. Recharger included.  
3-4 weeks of normal usage  
(min. 30 hrs in RUN mode).*

### 8 KB memory module port

*for additional user storage capacity.*

### 16KB user RAM

*expandable to 24KB.*

### 8 bit CMOS CPU

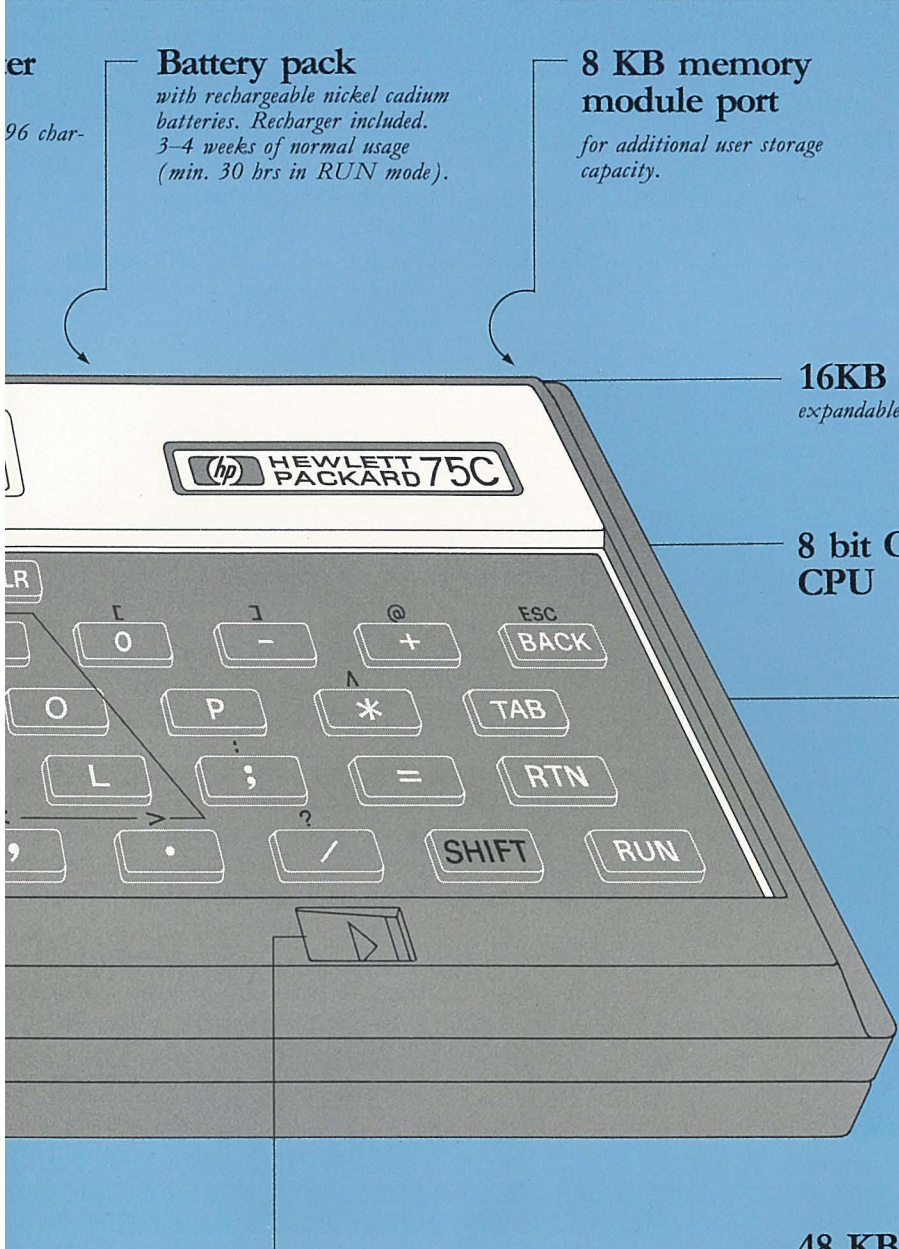
### 48 KB operating system

*with 187 keywords (104 BASIC, 41 numeric, 42 time, alarms, appointments, etc.)*

### Hand-pull card reader

*for off-line storage on magnetic cards, 1300 Bytes per card, random entry of multi-track files, write protect.*

### Hidden numeric keypad



# HP-75C software

To help you customize your HP-75C portable computing system, Hewlett-Packard provides several sources of hardworking, easy-to-use software. Choose among the HP-75C Solutions Books, or, if you prefer, purchase the programs individually. You can also contribute your BASIC programs to the Users' Library. The HP-75C will be supported by the HP PLUS independent software program. Software accepted into the HP PLUS program will be developed and supported by independent software developers who are experts in their application fields. The software is then distributed by Hewlett-Packard after it meets the stringent requirements of the program.

Several software packages are currently planned by HP as well as by independent software vendors. These pacs will provide or enhance the following capabilities of the HP-75C: electronic spreadsheet, time management, information management, text editing, advanced math, and data communications. In addition, HP will release five powerful software pacs\*, complete with either an 8K or 16K ROM, in the following disciplines: Surveying, Electrical Engineering, Real Estate, Finance and Data Analysis.

## HP-75C Solutions Books

(Available in English only)

Math I. Math II. Math III. Games. Electronics. Finance. Real Estate. Statistics. Test Statistics.

\* Available Spring '83





# HP-75C Specifications

## Dynamic Range:

Real precision: -9.9999999999E499 to -1E-499, 0, 1E-499 to 9.9999999999 E499

Short precision:  $-9.9999\text{E}99$  to  $-1\text{E}-99,0$ ,  $1\text{E}-99$  to  $9.9999\text{E}99$

Integer precision: -99999 to 99999

Variable types: Numeric, String, Numeric array

## Clocks & Timers:

Perpetual clock calendar, 12-hour or 24-hour format. Time functions returns time to the nearest milledisecond.

Accuracy range: 15 seconds/month to 3 minutes/month.

Adjustable clock speed:  $\pm 10\%$ 



## **Beeper:**

The beeper is programmable with parameters for duration and tone. The frequency range is approximately 1 to 1600 Hz.

## **Redefinable Keys:** 194

## **Multiple File Structure:**

The number of files in HP-75C memory is limited only by the amount of available RAM.

## **Operating System:**

System ROM: 48K

RAM: 16K

Enhancement Memory Module (HP 82700A): 8K

Maximum system RAM (with Memory Module): 24K

Three 16K plug-in ROM's for a maximum of 48K ROM

## **Display:**

Liquid-crystal display

Size: 14.0 × 4.06 cm (5.5 × 1.6 in.)

Capacity: 96 characters per line

Window size: 32 characters

Character set: 256 characters

Character font: 5 × 9 dot matrix

## **Power Requirements:**

Three AA NiCad batteries

AC Adaptor/Recharger

220/240 V 50 Hz, 3 VA

Battery current:

RUN mode: 25 mA

STANDBY mode: 14 mA

SLEEP mode: 20 UA

## **HP-75C Accessories**

Rechargeable Battery Pack 82001B

Reserve Power Pack 82004A

Recharger/AC Adapter 82066B

Recharger/AC Adapter (U.K.) 82067B

Security Cradle 82701A

Field Case 82703A

30 Blank Cards 82707A

100 Blank Cards 82708A

Overlay Kit (Qty. 5) 82710A

Notebook Card Holder  
(Qty. 5) 82715A

Blank Overlay Kit  
(Qty. 5) 82716A

Blank Overlay Kit  
(Qty. 50) 82717A

## **Environmental Limits:**

Operating temperature range: 0 to 45°C (32 to 113°F)

Recharging temperature range: 10 to 40°C (50 to 105°F)

Storage temperature range: -40 to 55°C (-40 to 131°F)

Operating and storage humidity limits: 0 to 95% relative humidity

## **Size and Weight:**

12.7 × 25.4 × 2.54 cm (5 × 10 × 1 in.)

740 g (26 oz)



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**Warranty**

Warranty is supplied with the product and is available on request.

Hewlett-Packard reserves the right to make changes in materials, specifications or accessories without notice.

**W. Rolf Pedersen ApS**

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