

# PC-8500 PORTABLE PERSONAL COMPUTER.



**C&C** Computers and Communications

**NEC**

# WHEN YOU WANT TO CLOSE THE SALE, OPEN THE 8500.

## ITS PORTABILITY IS UNEXCELLED; ITS POSSIBILITIES UNSURPASSED.

With 64Kb memory, 4 built-in programs, full size screen and built-in MODEM, all standard,

the PC-8500 is ready right now for executives, managers, sales people, writers, students.

### INSURANCE EXPERT.

- Two powerful programs developed in cooperation with insurance leaders and experts.
- Helps clients quickly understand the value proposed new coverage represents.
  - Provides a conclusive demonstration of the true amount of cash and income the family requires now and in the future.
  - Significantly reduces time

consuming and costly repeat calls on the client and phone calls to the office.

- Easily makes a compelling case for new products to conserve and shelter an estate.
- Produces a persuasive display that graphically demonstrates the clear need for income-producing insurance products.

- Helps clients make a realistic decision about the amount of money an adequate trust provision demands.
- Provides full function memory calculator.
- Communications Utility turns the computer into an information center for news and data that help the agent sell, the customer buy.



NEC portables are problem solvers for business, industry, government, engineers and technicians. Working with NEC and our value added resellers, these computers relay data from remote locations, aid product analysis and are a key component in telesensory, telemetry and space programs.

## EXCLUSIVE EXPERT SOFTWARE SERIES.

The Expert Software Series was created especially for insurance and real estate sales people by experts, leaders and top producing agents. One pro-

fessional says of NEC computerized selling, "at least one-third of my paycheck comes from it."

## COMMUNICATIONS UTILITY

- Connects to news, information services and data bases.

### REAL ESTATE EXPERT.

- Compares loans and quickly solves complex problems of fixed and adjustable interest rates, selling prices, profit, amortization—on the spot.
- Analyzes the components that make up the selling price, works from a target profit to hit the seller's best price.

- Agents are never without important information about clients, deals and properties.
- Provides a full-function memory calculator.
- Turns the computer into an information center for news and data that help the agent sell, the customer buy.



## 4 OUTSTANDING PROGRAMS BUILT-IN.

### WORDSTAR-TO-GO.\*

- Concentrated edition of word processing best-seller.
- Writes, edits, formats, revises letters, memos, reports, proposals.
- Gets paperwork done in no time, anytime...home, office, hotel, plane or commuter train.

### CALC-TO-GO.\*

- Built-in spread sheet.
- Generates, revises projections, estimates, proposals, projections.

### PERSONAL FILER.

- Schedules appointment.
- Creates card files.
- Schedules appointments.
- Makes essential lists—names, addresses, phone numbers, product numbers, prices, etc.

### TELECOM.

- Handles electronic mail.
- Automatically, connects to on-line data bases.
- Acts as a speed dialer.

And soon to come, special applications for finance and sales productivity. Detailed information about PC-8500 software is found on special software specification sheets, available from your NEC representative.

# NEC

# SPECIFICATIONS.

## CPU

uPD70008C (CMOS Z80A compatible.)  
8 bit running at 4 MHz.

## OS

CP/M

## RAM

64K CMOS standard.  
Additional 32Kb or 128Kb with optional CMOS RAM cartridges.

## ROM

96K CMOS standard.  
4 programs built in: WordStar-To-Go\*, Calc-To-Go\*, Personal Filer, Telecom (featuring Modem 7 protocol, Soroc IQ 120 and VT100\* terminal emulation.)

## LCD DISPLAY

Liquid crystal, high contrast.  
80 characters x 25 lines.

## KEYBOARD

68 standard keys.

## MODEM

300 baud modem built in, with auto-dial functions.  
Pulse dial.  
Interface cable PC-8599A-04.

## RS232C INTERFACE

Serial 25 pin D SUB connector.  
Baud rates: 150, 300, 600, 2400, 4800, 9600, 19200, bps half/full duplex.

## PRINTER INTERFACE

Standard parallel.  
26 pin connector with capability of 8 bit data input.

## LINE INTERFACE

6 pin DuPont BERG modular jack.  
Connects to standard telephone line or external modem.

## PHONE INTERFACE

6 pin DuPont BERG modular jack.  
Connects to standard telephone.

## CASSETTE INTERFACE

8 pin DIN connector.  
600, 1200 bps.

## INTERFACE CABLES

RS232C cable. (PC-8499A)  
Printer cable. (PC-8493A)

## SYSTEM SLOT

For 32Kb or 128Kb RAM cartridge, CRT/Disk adapter unit or 1200 baud modem unit.

## MAIN POWER

4 "C" size batteries (disposable or Ni-Cad rechargeable).  
AC adapter included. (PC-8471A-01)

## BACKUP POWER

225 mA/h, 4.8V Ni-Cad batteries built in.

## BATTERY LIFE

Continuous use at normal temperatures.  
Standard: 3 hours.  
Alkali: 8 hours.  
Backup time: 60 days.  
(250mAh/ 3.6V)

## DIMENSIONS

Length 8.2 in. Width 11.6 in. Height 2.5 in. (front), 3.1 in. (back).

## WEIGHT

6 pounds.

## POWER-OFF

Manual electric switch.  
Automatic shutoff on 10 minute delay.  
Shutoff variable from 1 to 25 mins.

## LOW VOLTAGE DISPLAY LED

LED Lights when power falls below standard value.

## ENVIRONMENTAL

### CONDITIONS

Temperature: 32°—95°F (0°—35°C)  
Humidity: 20%—80%.

## OPTIONAL ACCESSORIES

### 32Kb ROM CARTRIDGE

#### PC-8405-A

Contents: 2 open ROM slots.  
Dimensions: Length 11.8 in. width 8.5 in. Height 1.4 in., front: 2.4 in., back.

### 32Kb RAM CARTRIDGE

#### PC-8406A

Contents: 32Kb 8Kb RAM included.  
Lithium battery included as backup power.  
Duration of backup power: Up to 6 months (at normal temperatures).  
External dimension. Length 11.8 in. Width 8.5 in. Height 1.4 in. front, 2.4 in. back.

### 128Kb RAM CARTRIDGE

#### PC-8407-A

Includes lithium battery.  
Battery life: 6 months.  
When changing batteries, data in RAM cartridge will not be lost if the cartridge is removed from the computer and plugged into the AC adapter before batteries are changed.  
Dimensions: 7.6 in. long, 3.9 in. wide, 1 in. high.

## 128Kb ROM/RAM CARTRIDGE PC-8508-A

Includes lithium battery.  
Battery life: 6 months.  
128Kb RAM. Space for 128Kb of ROM.  
4 sockets available to accept 128Kb EPROM chips.  
Dimensions: Length 8.4 in. Width 4.3 in. Height: 1.5 in., front: 2.1 in., back.

## FLOPPY DISK DRIVE

### PC-8431A

3.5 in. micro floppy disk drive.  
Includes PC-8998A connecting cable. PC-8443A CP/M\* utility disk.

## CRT/DISK ADAPTER

### PC-8414A

Allows hook-up of floppy disk drives and standard color and monochrome monitors.  
Includes:

- PC-8271A-06 adapter.
- PC-8092A monochrome cable.
- PC-92 color cable. Connects to RGB color monitor.

## INTERFACE CABLES

RS232C interface cable. (PC-8495A)  
Printer interface cable. (PC-8494A)

## SPELL-TO-GO\* PC-8451A

### Spell checker.

Corrects spelling errors with built in dictionary compatible with WordStar-To-Go.\*

## I200 BPS MODEM PC-8461A

Provides faster data transmission.  
Snaps into system slot.

## STANDARD EQUIPMENT

PC-8493A CMT cable.  
PC-8499A04 Phone cable.  
Free time offers for Dow Jones\* and OAG.  
Manuals and warranty registration cards.

For more information call

**1-800-447-4700**

For more information about NEC Professional Series software contact your NEC representative.

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