

PERSONALIZED SOFTWARE'S

Portable Equipment Exchange

THE DEFINITIVE
HP PORTABLE CATALOG

1991 EDITION

*The only complete product guide for the Hewlett-Packard
Portable Plus and HP110 computers*

Individual and volume buyers welcome.

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**Personalized
Software**

A division of Thickless Computing, Inc.

Products that make HP Portables smarter

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used or like-new
- **No Sales Tax**
if you're outside Iowa

HP150 USERS!

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Catalog—a complete listing of HP150
hardware and software products,
including WordPerfect customized to
the HP150.

HP Portable Plus



HP 110



A Catalog Like No Other

*A message from Hal Goldstein
Former HP Engineer and
President of Personalized Software, Inc.*



Dear Customer,

This is the only
catalog in the world
dedicated to two of the greatest
portable computers ever made -
the Hewlett-Packard HP110 and
Portable Plus.

This catalog includes every
single product that works with
the Portable Plus and HP110.

I invite you to browse to your
heart's content. If you have any
questions - or need help deciding
what items will best meet your
needs - call us toll-free at
(800) 373-6114.

We're the worldwide HP
Portable experts (even HP
engineers call us for advice),
and we're here to help you.

Best wishes,

Hal Goldstein

5 Tips to Banish The HP Portable Battery Blues

You've got to love HP's batteries! (Well, most of the time anyway.) The HP110 and Portable Plus run longer on a charged battery than almost any of the new laptops.

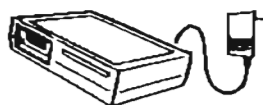
Of course, misuse can reduce battery performance and cause frustrations. Here are some tips to keep your HP Portable, ThinkJet, and HP9114 disk drive running properly when you need them.

Tip 1 AVOID PROBLEMS Treat your batteries right!

Misuse can reduce your battery's ability to hold a charge. Here are some things you can do to optimize battery life:

- HP110, HP9114A, HP9114B — Keep charged whenever possible. Do not let battery run lower than 60%.
- HP ThinkJet — Charge overnight only when battery runs down and yellow light begins blinking. Do not continue to charge.
- HP Portable Plus — Charge portable overnight; allow the battery charge to go down to 60-80% before recharging.

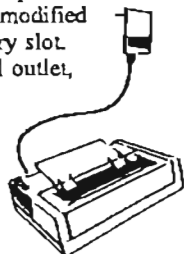
Tip 2 RUN DIRECTLY FROM AC The Empowerer II for your HP9114 or ThinkJet Printer



The HP9114 and the ThinkJet run directly from the battery. The black

AC adapter recharges the battery, but does not power the unit directly. If your batteries run low, the units won't run at all (probably at the most inconvenient time). You have to plug in the adapter and wait until the ThinkJet or HP9114 battery recharges. The Empowerer II solves this problem.

Simply remove your Disk Drive or ThinkJet battery case and slip the Empowerer II (a specially modified battery case) into the battery slot. Then plug it into your wall outlet, and you're ready to run your HP9114 Disk Drive or ThinkJet printer to your heart's content.



Empowerer II, ThinkJet
Retail: \$119.00, Subscriber: \$95.00
PRODUCT NO. EM14NH

Empowerer II, HP9114
Retail: \$119.00, Subscriber: \$95.00
PRODUCT NO. EM13NH

Tip 3 REDUCE FRUSTRATION Replace bad batteries

Tip 3A SAVE MONEY Buy refurbished batteries

Bad batteries are a major cause of user frustration. They don't hold a charge, so you can run out of power before you've accomplished much. Replace a bad battery sooner, not later! The frustrations you avoid will more than make up for the cost.

If you need a ThinkJet or HP9114 battery, you are probably better off purchasing a refurbished rather than a new HP battery. There is no way of determining how long a new HP battery sat on the shelf. When we refurbish a battery, we remove the old battery from the case and put in a new one, at most a month before your order is placed. The other advantage of a refurbished battery is price. A new ThinkJet battery costs \$65, a new HP9114 battery costs \$69. The refurbished prices are \$49 each for the ThinkJet battery and the HP9114 battery.

THINKJET AND HP9114 BATTERIES

HP 9114 Battery (refurbished)
Retail: \$49.00, Subscriber: \$49.00
PRODUCT NO. BT11NG

ThinkJet Battery (refurbished)
Retail: \$49.00, Subscriber: \$49.00
PRODUCT NO. BT12NG

HP9114 Disk Drive Battery (New)
Retail: \$69.00, Subscriber: \$69.00
PRODUCT NO. BT13HC

ThinkJet Battery (New)
Retail: \$65.00, Subscriber: \$65.00
PRODUCT NO. BT14HC

NEW 110/PORTABLE PLUS BATTERIES

While ThinkJet and 9114 batteries slip in and out, HP110 and Portable Plus batteries take a few minutes to install (with proper tools). We include the torx screwdriver, a nut driver, and instructions with any 110 or Portable Plus battery you purchase from us.

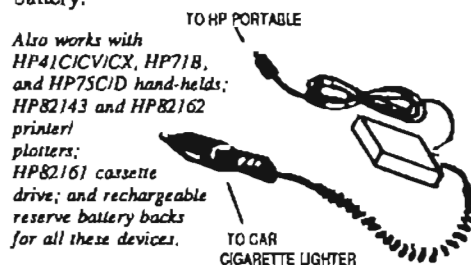
HP110 Battery *
Retail: \$39.00, Subscriber: \$39.00
PRODUCT NO. BT12HC

Portable Plus Battery *
Retail: \$59.95, Subscriber: \$59.95
PRODUCT NO. BT11HC

* Includes instructions, torx screwdriver, and nut driver.

Tip 4 POWER FROM YOUR CAR Run HP Portables/Peripherals on the road from your car

Plug the Mobile Recharger into your car's cigarette lighter. Then plug your HP Portable into the Mobile Recharger and you can compute from your car. Or while driving you can recharge your HP Portables, 9114, or ThinkJet so you're ready to go when you reach your destination. It takes about 30% longer to charge a battery, but your car does not have to be running. Operate the Mobile Recharger overnight without fear of running down a normal car battery.



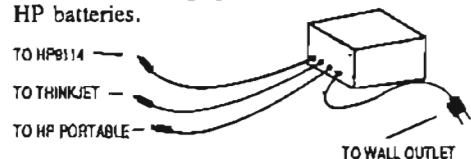
Also works with
HP41C/CV/CX, HP71B,
and HP75C/D hand-helds;
HP82143 and HP82162
printer/
plotters;
HP82161 cassette
drive; and rechargeable
reserve battery packs
for all these devices.

Mobile Recharger
Retail: \$69.95, Subscriber: \$59.95
PRODUCT NO. PR11NM

Tip 5 CUT ADAPTER CLUTTER Power Your Portable, ThinkJet, and 9114 from a single wall outlet

Can't plug your Portable, ThinkJet, HP9114, and HP hand-held into the same wall outlet because the recharger cubes are too big? The PowerCube/Recharger from Personalized Software will get rid of a tangle of power strips, or whatever else you've been putting up with.

The PowerCube is a single AC adapter that plugs into your wall outlet and provides three cords to power your HP Portable, ThinkJet, HP9114 disk drive, or HP hand-held. The PowerCube provides the right DC current to recharge your HP batteries.



Power Cube
Retail: \$89.95, Subscriber: \$79.95
PRODUCT NO. PR13NM

**To order please Call: 800 373-6114
or use the Center Order Form**

Great buys on peripherals for the HP Portables

Each of these low-cost peripherals will expand the capabilities of your HP110 or Portable Plus system.

- *Special discounts for Portable Paper subscribers.*
- *Even bigger discounts when you buy a Portable Plus or HP110 from us!*

Modems for data communication

Hayes-compatible internal 1200 baud modem for Portable Plus

BM11UC Used 1200 baud internal modem
\$600 \$250 (\$167)

WorldPort 1200, 2400, and 2400/MNP portable external modems

Battery-powered, 6.5 ounce, pocket-sized, Hayes-compatible modems. Perfect for HP110 and Portable Plus users who need to transmit data fast when away from the office. Our prices now:

WM11NH WorldPort 1200 modem
\$199 \$179 (\$179)



WM12NH	WorldPort 2400 modem	\$359	\$319	(\$295)
WM13NH	WorldPort 2400/MNP modem	\$489	\$425	(\$425)
WM13NG	WorldPort 1200 Upgrade Kit	\$199	\$179	(\$179)
WM16NH	WorldPort Acoustic coupler	\$79	\$79	(\$79)
AC11NC	HP92205D Acoustic coupler	\$195	\$135	(\$135)
WM14NM	WorldPort serial cable	\$30	\$20	(\$20)

Expand your Portable Plus's memory with extra RAM and ROM

There are two compartments at the bottom of the Portable Plus into which you can insert two kinds of circuit cards. One kind of card is called a RAM drawer; the other is called a ROM drawer. You can insert either kind of drawer into either of the two compartments.

A RAM drawer contains chips that provide extra RAM memory. We sell RAM drawers in four sizes: 1 Meg, 384K, 256K, and 128K. The 128K RAM drawer is itself expandable: It accommodates up to two HP Memory Cards of 128K each.

A ROM drawer contains 12 sockets into which you can plug ROM chips containing a wide variety of programs that run on the Portable Plus. (More than 50 such programs are available for the Plus on ROM.) Each ROM socket can accommodate one ROM chip (128K maximum), and each ROM chip can contain one or more programs.

MM11NC New 1 Meg HP RAM Drawer
\$1275 \$995 (\$795)

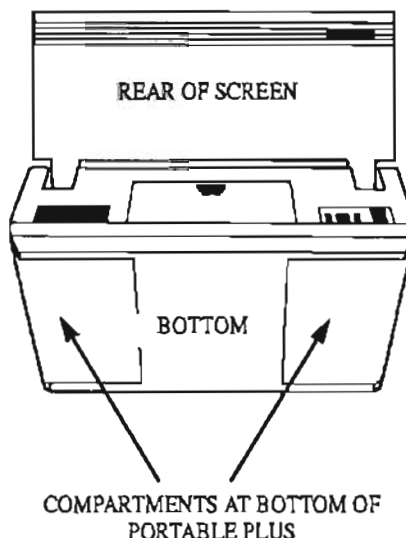
MM12UC Used 384K HP RAM Drawer
\$982 \$295 (\$295)

MM19UC 256K HP RAM Drawer
\$709 \$225 (\$199)

MM13UC Used 128K HP RAM Drawer
\$436 \$150 (\$99)

MM14UC Used 128K HP Memory Card
\$273 \$125 (\$99)

SW11UR Used HP ROM Drawer
\$195 \$99 (\$79)



How to read Personalized Software's prices

Regular price	\$995	\$795	(\$595)
Price for subscribers to The Portable Paper, our bi-monthly newsletter (only \$55 per year — see page 12).			System price. To receive this price, you must purchase the product at the same time as you purchase an HP110 or Portable Plus from us.



Burn Your Own ROMs

Portable Plus users now can "burn" their own ROMs for storing programs and files on chips inside their computer.

- **EP10NH Rombo: Personalized Software ROM Burner Package for the Portable Plus** (ROM Burner, serial cable, ultraviolet eraser, software, two 128 Kbyte EPROMs, user manual) \$695 \$595 (\$495)

- **Personalized Software 128 Kbyte erasable programmable ROMs (EPROMs) for the Portable Plus**

EP11NR Single EPROM \$69 \$59 (\$49)
EP12NX Set of 4 \$276 \$199 (\$179)

- **Personalized Software 128 Kbyte non-erasable programmable ROMs (PROMs) for the Portable Plus**

(Ideal for making multiple copies of ROMs)

EP18NR Single PROM \$64 \$54 (\$45)

EP19NX Set of 4 \$256 \$179 (\$159)

- **EP13NR 27C512, 12.5V, 64 Kbyte EPROM**
\$25 \$22 (\$19)

- **EP14NS ROM Burner software and manual only** (Useful if you wish to burn your own 64 Kbyte EPROMs for the Portable Plus using a different ROM burner)
\$250 \$195 (\$195)

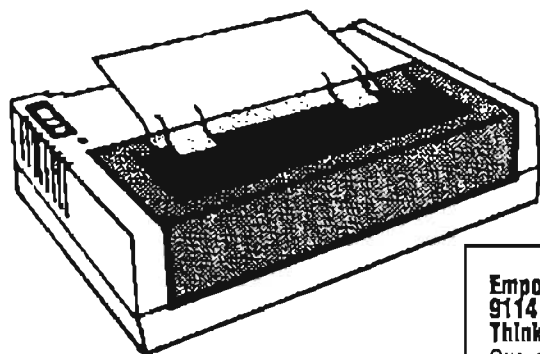
- **SW11UR Portable Plus ROM drawer**
\$195 \$99 (\$79)

- **EP15NE Custom ROM services** EPROM (includes 10 minutes testing to make sure your ROM works in Portable Plus as specified)
\$150 \$135 (\$135)

- **EP16NE ROM consulting** (additional testing, batch file rewriting, etc.): \$75/hour

- **RENTAL** \$195 per month. Call for details.

Ideal printers/plotter for your HP Portable



HP ThinkJet

HP's portable thermal inkjet printer. 150 characters per second at 12 chars/inch. Cartridges for plain or ink jet paper.

Weights only 6 pounds.

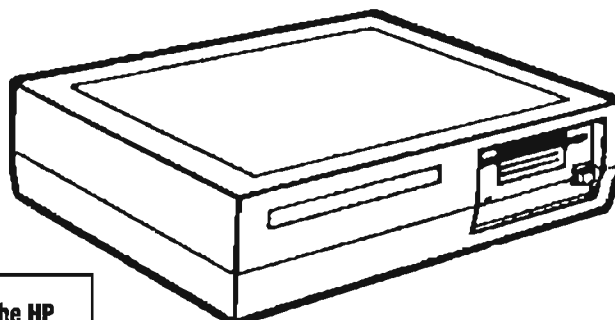
TJ11UC HP-IL ThinkJet printer

\$495 \$199 (\$179)

TJ14UC Serial HP ThinkJet printer

\$495 \$295 (\$295)

Disk drives



Empowerer II for the HP 9114 disk drive or ThinkJet Printer

Our new Empowerer II (a hardware product) lets you run your HP9114 disk drive or ThinkJet printer from a standard wall outlet and saves you from running out of power in the middle of a job!

EM13NH Empowerer II for the HP 9114 disk drive

\$119 \$95 (\$95)

EM14NH Empowerer II for the ThinkJet Printer

\$119 \$95 (\$95)

Portable disk drives

HP's rugged, 5 pound portable disk drives let you load programs and back up files while you're on the road. The HP9114B has a longer battery supply than the HP9114A, and also features a "fuel gauge" that tracks battery life between charges.

DD11UC Used HP9114A disk drive

\$795 \$199 (\$179)

DD12UC Used HP9114B disk drive

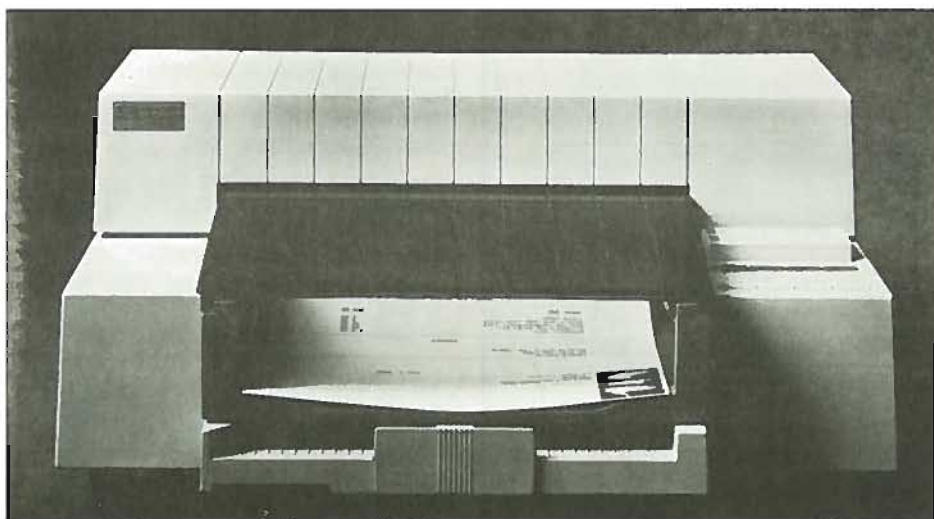
\$785 \$249 (\$199)

15 Meg hard drive for your Portable Plus

How would you like to have 15 Megabytes of hard disk space to store and organize your files? (Holds as much data as 21 HP9114 floppies!) Our 15 Meg external hard drive comes with HP-IL to HP-IB converter and cables, and costs only \$995! All you have to do is connect the cables and start using the hard drive the same way you use an HP9114.

HD11UC 15 Meg hard drive for Portable Plus (with HP-IB/HP-IL interface, HP-IB, HP-IL cables)

\$2700 \$995 (\$995)



HP DeskJet:

Laser-quality printing for as little as \$399!

These breakthrough desktop printers give laser-quality output at a fraction of the price. Both models print multiple fonts and high-resolution graphics. 240 characters per second in draft mode, 120 cps in letter-quality mode.

DJ11UC Used HP DeskJet printer, cable

\$837 \$395 (\$395)

DJ12UC Used DeskJet Plus

\$995 \$450 (\$450)

Other Printers / Plotter

PL11UM Used HP-IL 7470A Plotter

\$1095 \$595 (\$595)

PA12UC Used PaintJet Call for pricing

LA13UC Used LaserJet 500 Plus Call for pricing

LA12UC Used LaserJet IID Call for pricing

The truly portable computer

"I'm pleased to be in the company of people who use and believe in the truly portable computer - one which can go in and out of cars, can be used anywhere, and not need to be overhauled if it is dropped on the floor."

- Jack Ross

Mosman, NSW, Australia

Praise from a Hewlett-Packard executive

"Thank you for an excellent magazine and for the support from all your people. I have found them all first-rate and professional in all my contacts with you."

- Richard Aal

Regional Analytical Support
Manager

Inter-Continental Sales Region
Hewlett-Packard

We buy used HP Portable equipment.
We also take used HP Portable
equipment in trade.
Call (800) 373-6114

Portable Plus upgrades

Speed up your Portable Plus

By installing a faster processor (NEC V30) and increasing the clock speed of your Portable Plus, you can run Lotus 1-2-3 and other applications 60% faster than before. Our trained technicians perform the upgrade. (Existing Portable Plus users: We can have your Plus back to you the next day. Be sure to call first to schedule an appointment.)

FA11NG "FastPlus" CPU upgrade for Portable Plus
\$250 \$199 (\$159)

128K / 256K to 512K Upgrade

If you have Portable Plus model 45711A, B, C, or D, we'll upgrade your unit from 128K or 256K to 512K. Call for appointment.

256KNG 256K to 512K Portable Plus upgrade

\$1100 \$395 (—)

128KNG 128K to 512K Portable Plus upgrade

\$1100 \$395 (—)

Portable Plus screen upgrade

We'll convert your gray Portable Plus screen to a green screen for better readability.

GO11NG Portable Plus Screen Upgrade

\$350 \$195 (—)

Best portable

"I have been traveling for a full three years with the Portable Plus, both in the US and abroad....This computer is by far the best portable machine ever on the market."

- Martin Koenig
Sun City, AZ

No rivals

"I don't know where to turn if I want to upgrade to a laptop computer that rivals the Portable Plus - there are none! There are no portable computers as rugged as the Plus. None of the current crop of laptops (October 1989) even approaches the battery life of this machine."

- Ed Keefe
Ankeny, IA

Desktop video screen for Portable Plus

If you want to see your work on a full-size screen, our used HP video interface and HP desktop monitor make a great buy. Easy to switch back and forth

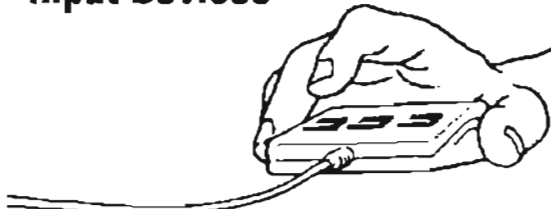
between your Portable Plus screen and the desktop monitor. Easy installation.

VI14UC Portable Plus Video Interface
\$435 \$195 (\$195)

VM12UM Portable Plus Video Interface with
Monitor \$750 \$275 (\$275)

VM11UC Composite Monitor \$325 \$150 (\$150)

Input Devices



Mouse for Portable Plus

Using a mouse to move the screen cursor makes using your Portable Plus easier and more fun. Our package includes the 3-button Logitech mouse - rated Editor's Choice by PC Magazine - and our proprietary Portable Plus Mouse Software.

MS15NM Logitech Mouse System for Portable Plus
(Includes mouse, software, and cable)

\$219 \$179 (\$179)

MS11NS Mouse Software \$70 \$60 (\$60)

MS13NM Mouse Cable \$30 \$20 (\$20)

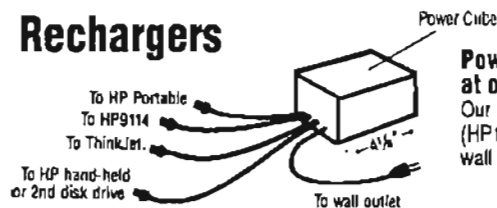


External numeric keypad speeds data entry

This tiny unit allows for fast numeric entry on the Portable Plus using Lotus 1-2-3 and other applications. It attaches to the Plus via the serial port.

TS11NM External numeric keypad
\$139 \$135 (\$135)

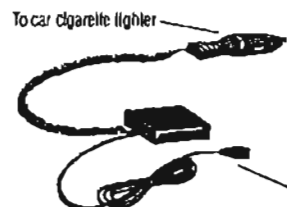
Rechargers



Power and recharge up to 3 portable devices at once!

Our Power Cube powers and recharges up to 3 HP devices (HP110, Portable Plus, ThinkJet, HP9114, etc.) from a single wall outlet.

PR13NM Power Cube \$89.95 \$79.95 (\$79.95)



Mobile recharger

Lets you recharge your HP110 or Portable Plus from your car's cigarette lighter.

PR11NM Mobile recharger 69.95 \$59.95 (\$59.95)

ONE-YEAR GUARANTEE

We are so confident in the quality and reliability of the like-new and used HP Portables and peripherals we sell that we back them with the same one-year guarantee Hewlett-Packard offers on new equipment:

Should an HP Portable computer or peripheral purchased from the Portable Equipment Exchange malfunction within one year of the purchase date, we will repair or replace it (our option) at no charge.

60-DAY TRIAL You must be satisfied!

If you're not sure you'll like one of our HP Portables or peripherals, no problem. You can return it within 60 days for a full refund.

HP Portable software on disk and ROM

Special discounts for Portable Paper subscribers.

Even bigger discounts when you buy a Portable Plus or HP110 from us!

We offer more than 100 software products for the HP Portables, including many IBM PC bestsellers that we've customized to the HP110 and Portable Plus. The vast majority of these products are available only from us.

Word processors

WordPerfect 5.0 (and 4.2)

World's best-selling word processor, customized to the Portable Plus. Includes thesaurus and 115,000 word spellers. Available in disk and ROM Backup versions. (Both versions come with PlusPerfect, our own IBM PC emulator that allows WordPerfect to run on the Portable Plus. PlusPerfect includes a WordPerfect keyboard template for the Plus. Both versions require a Portable Plus containing at least 896K of RAM memory.)

WD17NS WordPerfect 5.0 and PlusPerfect on disk \$645 \$395 (\$350)
WD11NK WordPerfect 5.0 & PlusPerfect on disk with basic ROM Backup \$940 \$595 (\$495)
WD14NS PlusPerfect on disk \$150 \$129 (\$99)



WordPerfect Spelling Checker on ROM

These 3 ROMs include all of WordPerfect 5.0's spelling checker as well as these useful utilities: HPduette, Shelo, FilePlus and TelPlus.

RO13NK WordPerfect Spelling Checker on ROM \$525 \$199 (\$199)

WordPerfect Thesaurus on ROM

These 3 ROMs include all Thesaurus-related files from WordPerfect 5.0

RO12NR WordPerfect Thesaurus on ROM \$250 \$147 (\$147)

MemoMaker/Time Manager (on ROM)

MemoMaker is HP's easy-to-use, menu-driven word processor. All major functions are activated by the touch of a function key.

Time Manager includes a calendar, appointment manager, "to do" list, phone book with auto dialing, notepad, and more. Infoworld called it the Portable

Important information about our software on ROM

According to the agreements we have with the original software vendors, our ROM versions of certain programs are considered backup copies of the disk versions. (This does not apply to used Hewlett-Packard ROMs.) We sell the disk and ROM versions of these programs as a single package. We cannot sell you the ROM Backup unless you own the disk version. (If you want the ROM version of a program and already own the disk version, please contact us for separate ROM pricing.)

Plus's "most useful feature." Both programs come on a single ROM for the Portable Plus.

MM21UR MemoMaker/Time Manager on ROM \$245 \$119 (\$99)

Writer's ROM

Two-ROM set gives you word processing on the Portable Plus. Includes: Editor II, Webster's Speller, FormatPlus, FilePlus, and Shelo.

WR11NK \$499 \$299 (\$199)

Writer's ROM II

Two-ROM set gives you an outliner and grammar/style checker. Includes OutlinePlus and RightWriter.

WR12NK \$350 \$299 (\$199)

The Editor II

Many features not in MemoMaker, including search/replace, edit two files at once, and windows. Easy to use. Uses less than 40K of memory. Versions on disk and ROM Backup.

ED11NS The Editor II on disk \$99.95 \$79.95 (\$49)

ED12NK The Editor II on disk with ROM Backup \$195 \$175 (\$99)

MS Word on ROM or MultiMate on ROM

Popular, full-featured word processors on ROM for the Portable Plus.

MS20UR MS Word 1.1 on ROM \$394 \$199 (\$199)

MM20UR MultiMate on ROM \$520 \$295 (\$199)

VI (UNIX-style editor)

VI11NS VI editor \$195 \$169 (\$169)

Word processing utilities

These programs expand the capabilities of your word processor.



Webster's Spelling Checker

Rated Editor's Choice by PC Magazine, Webster's packs a 110,000 word dictionary into around 200K of Portable Plus disk memory. Exceptionally easy to use. Disk and ROM Backup versions.

WB11NS Webster's Spelling Checker on disk \$79.95 \$69.95 (\$49)

WB13NK Webster's Spelling Checker on disk with ROM Backup \$259 \$249 (\$199)

How to read Personalized Software's prices

\$995	\$795	(\$595)
Regular price		System price.
		To receive this price, you must purchase the product at the same time as you purchase an HP110 or Portable Plus from us.
Price for subscribers to The Portable Paper, our bi-monthly newsletter (only \$55 per year - see page 12).		

FormatPlus

An integrated word processing command center for the Portable Plus. Lets you run your word processor, spelling checker, and other applications from a single easy-to-use program. Also adds headers and footers and paginates files produced by MemoMaker and The Editor II.

FP11NS FormatPlus on disk \$79.95 \$69.95 (\$49)

FP13NK FormatPlus on disk with ROM Backup \$175 \$165 (\$99)



RightWriter 2.1 (grammar and style checker)

Flags errors in grammar, style, usage, and punctuation, inserting comments directly into your document.

RW11NS RightWriter 2.1 on disk \$95 \$89 (\$79)

RW11NK RightWriter 2.1 on disk with ROM Backup \$205 \$199 (\$199)

RW12NS RightWords dictionary extension utility \$29.95 \$29.95 (\$29.95)

Typing Whiz

Better than almost any typing tutor on the market. Designed specifically for the HP110, Portable Plus, and HP150. Immediate numerical and graphical feedback on your progress.

TW11NS Typing Whiz \$49.95 \$39.95 (\$39.95)

TW12NK Typing Whiz on disk with ROM backup \$145 \$135 (\$99)

Other HP Portable text enhancers:

FM11NS The Formatter \$59.95 \$49.95 (\$49)

FM12NS Format110 \$39.95 \$35.95 (\$35)

HP11NS HPrint \$80 \$75.95 (\$75)

HP12NK HPrint on disk with ROM backup \$175 \$171 (\$171)

PT11NS PrinterTalk \$49.95 \$44.95 (\$44)

ED13NX The Editor II / Formatter on a single disk \$119.95 \$99.95 (\$99.95)

PT12NS PrinterTalk/Format110 on a single disk \$89.90 \$59.95 (\$49)

Nicest folks

"The people at Personalized Software are some of the nicest folks in the world. I am especially thrilled and happy with all the software I've purchased from them for my HP Portable."

- Tom Page
Houston, TX

Spreadsheets

Lotus 1-2-3: The industry standard

LT14UR Lotus 1-2-3 Version 1A on ROM
\$495 \$249 (\$199)
LT15UR Lotus 1-2-3 Version 2.01 on ROM
\$625 \$395 (\$395)

As-Easy-As

This award-winning shareware spreadsheet program can look, feel, and act just like Lotus 1-2-3. It can use worksheets produced by Lotus 1A and Lotus 2.01. It even has several features not contained in Lotus, including arithmetic matrix operators. Portable Plus version is available only from us.

AS11NS As-Easy-As for Portable Plus on disk
\$99.95 \$79.95 (\$59)

AS11NK As-Easy-As on disk with ROM backup
\$215 \$195 (\$159)



SideWinder

Prints wide spreadsheets sideways on ThinkJet printer with no need for cutting and pasting. Optional SideWinder Utilities program lets you create your own sideways characters and make line drawings on your screen using the cursor and function keys.

SW11NS SideWinder on disk \$69.95 \$59.95 (\$49)

SW13NS SideWinder and SideWinder Utilities on disk \$79.95 \$69.95 (\$69)

SW12NK SideWinder on disk with ROM Backup \$135 \$125 (\$99)

SH13NK Combo: SideWinder and Shelp (see page 8) on disk with ROM Backup \$235 \$215 (\$139)

101 Macros for Lotus 1-2-3

These macros are highly useful in themselves and as learning tools for Lotus novices and experts alike.

MC11NS 101 Macros for Lotus 1-2-3
\$69.95 \$62.95 (\$62)

Utilities to boost your productivity

ComboROM

Five programs on 2 ROMs. Includes: As-Easy-As, HPduette, TermPlus, SideWinder and TelPlus.
RO11NK ComboROM \$499 \$299 (\$199)

SuperROM

5 programs on a single ROM for the Portable Plus: The Editor, Format110, Mini PrinterTalk, Shelp, and SideWinder.

SU11NK SuperROM \$474 \$299 (\$199)

The Norton Utilities

This best-selling set of IBM PC utilities allow you to recover deleted files and organize your electronic and

For further details on our software products, see the latest issue of The Portable Paper or call us at (800) 373-6114.

external disks. Customized to the HP110 and Portable Plus.

NU11NS The Norton Utilities, Version 4.0
\$99.95 \$79.95 (\$79)

NU12NS The Norton Utilities, Advanced Edition
\$150 \$99.95 (\$99.95)

NU12NR The Norton Utilities, Advanced on disk with ROM Backup \$249 \$199 (\$199)



YOUR DISK
AFTER
SQUISH PLUS

Squish Plus

This automatic file compression program increases - by up to two times - the available disk space on your Portable Plus. If you know how to save and retrieve files, you already know how to use Squish Plus! Versions on disk and ROM.

SQ11NS Squish Plus on disk \$129 \$99.95 (\$79)

SQ11NK Squish Plus on disk with ROM Backup \$264 \$199 (\$199)



Shelp

Our best-seller for the Portable Plus. From within almost any program, Shelp gives you instant access to a notepad, calculator, and keyboard macros. Indispensable! Versions on disk and ROM Backup.

SH11NS Shelp on disk \$55 \$49.95 (\$49)

SH12NK Shelp on disk with ROM Backup \$110 \$105 (\$105)

SH13NK Shelp/SideWinder with ROM Backup \$235 \$215 (\$139)

(Note: Shelp is also available on our SuperROM - see above)

FilePlus

Easy-to-use file manager for the Portable Plus. Lets you tag multiple files and perform actions (copy, delete, move, etc.) on all the tagged files at once, without having to use DOS or PAM. Also: Put cursor on a file name, press "E", and you're in that file ready to edit it with your favorite word processor! Versions on disk and ROM.

FE12NS FilePlus on disk \$69.95 \$59.95 (\$49)

FE14NK FilePlus on disk with ROM Backup \$165 \$155 (\$99)

Other utilities:

BC11NS BacTools \$49.95 \$39.95 (\$39)

DT11NS DOS Tools \$44.95 \$39.95 (\$39)

DT12NK DOS Tools on disk with ROM Backup \$179 \$169 (\$129)

CL11NK HP Calculator on disk with ROM Backup \$95 \$95 (\$95)

KE12NS The Keefe Kollection \$39 \$29 (\$29)

PR11NS PrintMaster \$79.95 \$69.95 (\$69)

PF11NS Private File \$39.95 \$34.95 (\$34)

SB11NS HP110 Productivity Disk (Including Time Manager) \$35 \$9.50 (Free)

(—) Portable Paper Subscriber Disks (1987, 1988, 1989, 1990, 1991) AVAILABLE ONLY WITH PORTABLE PAPER SUBSCRIPTION.

Database management and accounting

Condor 3 and Condor, Jr.

Popular IBM PC database programs customized to the HP Portables. Enter data, sort, search, manage files, and print address labels with ease. Condor, Jr. is for the HP110. Condor 3 for the Portable Plus is a fully "relational" system with advanced report writing, data transfer with Lotus 1-2-3, and more.

CR13NS Condor, Jr. for HP110 \$99.95 \$89.95 (\$89)

CR11NS Condor 3 for Portable Plus \$495 \$279 (\$249)



We also buy and sell used HP150 equipment and software.

We have WordPerfect and ReadHP for the HP150! (ReadHP lets you read and write your HP Portable or HP150 disks on an IBM PC).

Call for *free HP150 catalog*.

Friendly, expert staff

"I appreciate all the help I've received from you. Whenever I call, everyone is so friendly. In fact, your kindness is exceeded only by the expertise of your staff."

- Sally J. Harris
Allentown, PA

OUR COMPLETE HP110, PORTABLE PLUS PRICE LIST

Product	Part No.	Retail Price	Sub. Price	With Portable Purchase*
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* These items are discounted further with purchase of an HP110 or Portable Plus.
 ** New products or new prices.

HP110, PORTABLE PLUS COMPUTERS

COMPUTERS

Like-new 512K P.Plus ¹	PP36UC-P3	\$2795	\$995	
Reconditioned 512K P. Plus	PP16UC-P3	2795	795	
Reconditioned 128K P. Plus	PP12UC-P3	2590	395	
Reconditioned HP-110	PQ11UC-P3	3000	395	
HP-110 Manual/Software Kit	MA13UC-P3	64	64	
Like-new German Plus ¹	PP37UC-P3	2795	995	
German localiz. ROM	GE31UR-P3	150	99	(50)
Like-new Swiss/Fr. Plus ¹	PP34UC-P3	2795	995	
French localiz. ROM	FR31UR-P3	150	99	(50)
Like-new Swedish Plus ¹	PP40UC-P3	2795	995	
Like-new English Plus ¹	PP31UC-P3	2795	995	
Like-new Italian Plus ¹	PP38UC-P3	2795	995	
Italian localiz. ROM	IT31UR-P3	150	99	(50)

¹ Like-new P. Plus in original packaging, new battery, manual, our 1 year guarantee.

SPECIAL HP110, PORTABLE PLUS BUNDLES

**Perfect Plus ²	PE11UX-P3	\$4103	\$1295	
**Power Plus System ³	PP11UX-P3	4135	995	
**Super Plus System ⁴	SU11UX-P3	6282	1795	
**Terminal Plus System ⁵	TE11UX-P3	5170	995	
Thrifty System ⁶	TH12UX-P3	3330	395	
ThinkJet/Disk Drive Special ⁷	TH11UX-P3	1290	295	

² PERFECT PLUS — 512K Portable Plus, ROM expansion drawer, 128K RAM drawer, WordPerfect basic system in ROM and six free bonuses.

³ POWER PLUS — 512K Portable Plus, ROM expansion drawer, ROM-based software: Editor II, Webster's, FormatPlus, FilePlus, Shelp, and six free bonuses.

⁴ SUPER PLUS — 512K P.Plus, 128K memory drawer, ROM expansion drawer, ROM-based software from Power Plus package plus the following on ROM: ECM, TermPlus, Reflection, HP Duetto Time Manager, Norton Utilities, OutlinePlus, RightWriter, MemoMaker, GamesPlus, and six free bonuses.

⁵ TERMINAL PLUS — 512K P.Plus, 1200 baud internal modem, ROM expansion drawer with ROM-based software: Reflection, MemoMaker, Time Manager, Advance Mail, and six free bonuses.

SIX FREE BONUSES for Plus Systems include: "How to Use HP Portables" video, Norton Utilities 4.0 Advanced Edition, DOS Tools, GamesPlus, '91 Portable Paper Subscription and Subscribers Disk (all software on disk).

⁶ THRIFTY SYSTEM — HP110 with "How to Use HP Portables" video, HP110 Productivity Pack, PrinterTalk, Format110, 1991 Portable Paper Subscription, & 1991 Subscribers disk.

⁷ THINKJET/DISK DRIVE SPECIAL — HP-IL ThinkJet printer and 9114B disk drive. Price good with any P.Plus or HP110 purchase.

PERIPHERALS

MODEMS

Used 1200 baud Internal	BM11UC-P3	\$600	\$250	(167)
WorldPort Modem 1200	WM11NH-P3	199	179	
WorldPort Modem 2400	WM12NH-P3	359	319	(295)
WorldPort M. 2400/MNP	WM13NH-P3	499	425	
WorldPort serial cable	WM14NM-P3	30	20	
WP 1200 Upgrade kit	WM13NG-P3	199	179	
WP Acoustic coupler	WM16NH-P3	79	79	
HP9220SD Acoust. cpler	AC11NC-P3	195	135	

PRINTERS, PLOTTER (Reconditioned)

HP-IL ThinkJet Printer	TJ11UC-P3	\$495	\$199	(179)
ThinkJet (AC Powered)	TJ11UX-P3	545	249	(229)
Serial ThinkJet Printer	TJ14UC-P3	495	295	
DeskJet Printer, cable	DJ11UC-P3	837	395	(395)
DeskJet Plus, cable	DJ12UC-P3	995	450	
HP-IL 7470A Plotter	PL11UM-P3	1095	595	
PainJet	PA12UC-P3	1395	CALL	
LaserJet 500 Plus	LA13UC-P3	4200	CALL	
LaserJet II	LA14UC-P3	2495	CALL	
LaserJet IIO	LA12UC-P3	3795	CALL	
LaserJet IIP	LA15UC-P3	1495	CALL	

DISK DRIVES (reconditioned)

HP9114A Disk Drive	DD11UC-P3	\$795	\$199	(179)
HP9114B Disk Drive	DD12UC-P3	795	249	(199)
HP9114B (AC Powered)	DJ11UX-P3	845	299	(249)
15MB Hard Drive	HD11UC-P3	2700	995	

(with HP-IB/HP-IL Interface, cables)

MEMORY, SOFTWARE DRAWERS (Reconditioned, P.Plus)

1 MB HP RAM Drawer	MM11NC-P3	\$1275	\$995	(795)
384K HP RAM Drawer	MM12UC-P3	982	295	
256K HP RAM Drawer	MM19UC-P3	709	225	(199)
128K HP RAM Drawer	MM13UC-P3	436	150	
128K HP Memory Card	MM14UC-P3	273	125	(99)

HP ROM Software Draw.	SW11UR-P3	195	99	(79)
1MB RAM/2MB Flash ROM	MR11NH-P3	1995	1695	

ROM BURNING (Portable Plus)

ROM Burning kit	EP10NH-P3	\$695	\$595	(495)
(ROM burner & eraser, cable, 2 128K EPROMs, software, manual)				
128K byte EPROM	EP11NR-P3	69	59	(49)
(4) 128K byte EPROMs	EP12NX-P3	276	199	(179)
128K PROM (no erase)	EP18NR-P3	64	54	(44)
Four 128K PROMs (no erase)	EP19NX-P3	256	179	(159)
64K 27C512, EPROM	EP13NR-P3	25	22	(19)
ROM burning software	EP14NS-P3	250	195	
Custom 128K burning	EP15NE-P3	150	135	
Custom burning consult.	EP16NE-P3	75 per hour		

INTERFACE CARDS (reconditioned)

HP-IL Card For IBM PC	IL11UC-P3	\$195	\$119	(99)
P.Plus Video Interface	VI14UC-P3	435	195	
P.Plus V.Interface+Monitor	VM12UM-P3	750	275	
Compositio monitor	VM11UC-P3	325	150	
HPIL/HP1B Interface	IL13UC-P3	395	235	
HPIL/Serial Interface	IL12UC-P3	295	179	

INPUT DEVICES

Log.Mouse P.Plus System	MS15NM-P3	\$219	\$179	
P.Plus Mouse Sftware	MS11NS-P3	70	60	
P.Plus Mouse Cable	MS13NM-P3	30	20	
Numeric Keypad, P.Plus	TS11NM-P3	139	135	

THE PORTABLE PAPER

(Subscribers Disks Only Available With Subscriptions)

1991 Subscript. & Disk	PPN1PS-P3	\$55.00	(Free)	
All 1986-91 issues/disks	PL11PK-P3	159.00		
All 1986-90 issues/disks	PL14PB-P3	119.00		
Individual back issue	PP99PB-P3	9.20		
PP Binder Vol.6	PB16NM-P3	7.00		
PP Binder Vol.1-6	PB15NM-P3	35.00		

SOFTWARE ON ROM (P.PLUS)

If the product number ends with "UR", it is a reconditioned HP ROM. If it ends with "NK", it is a new Personalized Software disk plus ROM backup.

* You must own the disk version of the product in order to use Backup Price.

** New products or new prices.

Product	Part No.	Retail Price	Sub. Price	W/Plus Purchase	Backup Price*
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Combined ROMs

Shelp, SdWndr	SH13NK-P3	\$235	\$215	(139)	95*
SuperROM	SU11NK-P3	474	299	(199)	49*

(Editor I, Format110, PrinterTalk, Shelp, SideWinder)

Communications

Advanced Mail	AD12UR-P3	\$295	\$150	(99)	
PC2622	PC13UR-P3	395	239	(99)	
Reflection	RF11UR-P3	525	295	(139)	
TermPlus	TE13NK-P3	195	175	(99)	95*

Graphics

Sketch	SK12NK-P3	\$175	\$171		95*
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Productivity Boosters / Games

**COMBO ROM	RO11NK-P3	\$499	\$299	(199)	
(2 ROMs: AsEasyAs, HP Duetto, TermPlus Sidewinder, and TelPlus)					
DOS Tools	DT12NK-P3	\$179	\$169	129	
FilePlus	FE14NK-P3	165	155	(99)	95*
GamesPlus	GA11NK-P3	205	175	(159)	105*
HP Calculator	CL11NK-P3	95	95		
HP Duetto	DU13NK-P3	195	185	(139)	95*
Norton Utilities (Adv.)	NU12NR-P3	249	199		99*
Shelp	SH12NK-P3	110	105		55*
**Squish Plus	SQ11NK-P3	264	199	(199)	99*
Typing Whiz	TW12NK-P3	145	135	(99)	95*

Programming Languages

MSBasic	MS21UR-P3	\$331	\$165	(99)	
Turbo Pascal 3	TP13NK-P3	No longer published			95*

Spreadsheets and Database

As-Easy-As+SideWinder	AS11NK-P3	\$215	\$195	(159)	115*
Exec. Card Mgr	EC11UR-P3	395	225	(199)	
Lotus 123,1A	LT14UR-P3	495	249	(199)	
Lotus 123,2.01	LT15UR-P3	625	395		
SideWinder	SW12NK-P3	135	125	(99)	

Word Processors

Editor II	ED12NK-P3	\$195	\$175	(99)	95*
MemoMkr/TimeMgr	MM21UR-P3	245	119	(99)	

* You must own the disk version of the product in order to use Backup Price.
 ** New products or new prices.

MSWord	MS20UR-P3	394	199		
MultiMate	MM20UR-P3	520	295	(199)	
**WordPerfect 5.0	WD11NK-P3	940	595	(495)	295*
**WordPerfect Speller	RO13NK-P3	525	199		
(3 ROMs; Also including: HPDuetz, Shelp, FilePlus, Teplus)					
**WordPerf. Thesaurus-3 ROMs	RO12NR-P3	250	147		
**Writer's ROM	WR11NK-P3	499	299	(199)	170*
(2 ROMs: Editor II, Webster's, FormatPlus, FilePlus, Shelp)					
**Writer's ROM II	WR12NK-P3	350	299	(199)	140*
(Includes RightWriter and Outline Plus)					

Word Processing Utilities

FormatPlus	FP13NK-P3	\$175	\$165	(99)	95*
HPPrint	HP12NK-P3	175	171		95*
OutlinePlus	OU11NK-P3	175	165		95*
RightWriter	RW11NK-P3	205	199		110*
Webster Speller	WB13NK-P3	259	249	(199)	179*

SOFTWARE ON DISK

Product	Part Number	Retail Price	Subs. Price	With P.Plus Purchase
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Communications

CompuServe starter kit	CM11NS-P3	\$39.95	\$35.95	
Kermit	KE11NS-P3	19.00	19.00	
Relay Gold (Plus)	RG11NS-P3	295.00	279.00	(49)
TermPlus	TE12NS-P3	99.95	79.95	
Term110	TE11NS-P3	99.95	79.95	
YTERM	YT11UC-P3	135.00	49.95	

Database/Accounting Software

Condor 3	CR11NS-P3	\$495.00	\$279.00	(249)
Condor Jr	CR13NS-P3	99.95	89.95	
Dac-Easy Accounting	DC11NS-P3	150.00	129.00	(99)
Used dBase II	DB11UC-P3	550.00	295.00	

File Transfer

HPDuetz for P.Plus	DU11NS-P3	\$99.95	\$89.95	
Link110	LK12NS-P3	90.00	85.95	
Link Plus	LK11NS-P3	90.00	85.95	
ReadHP	RD11NS-P3	79.95	69.95	

Graphics

Log-Mouse P.Plus System	MS15NM-P3	219.00	179.95	
PrintMaster (Portable Plus)	PR11NS-P3	79.95	69.95	
Sketch	SK11NS-P3	80.00	75.95	
Sketch Half-tone disk	SD11NS-P3	9.50	9.50	

Learning Material for HP110, P.Plus

How to Use the HP Portables Video Tapes	VP11NM-P3	\$150.00	\$119.00	(99)
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Productivity Boosting Utilities / Games

BacTools	BC11NS-P3	\$49.95	\$39.95	
DOS Tools	DT11NS-P3	44.95	39.95	
FilePlus	FE12NS-P3	69.95	59.95	(49)
GamesPlus	GA11NS-P3	99.95	69.95	(49)
HP110 Utilities Disk	UD11NS-P3	20.00	20.00	(Free)
HP110 Productivity Disk	SB11NS-P3	35.00	35.00	(Free)
**Keele Collection	KE12NS-P3	39.00	29.00	
Norton Utilities Adv.	NU12NS-P3	150.00	99.95	(99)
Norton Utilities	NU11NS-P3	99.95	79.95	(79)
Private File	PF11NS-P3	39.95	34.95	
Shelp	SH11NS-P3	55.00	49.95	(49)
Squish Plus (Portable Plus)	SQ11NS-P3	129.00	99.95	(79)
Tiger Fox	TF11NS-P3	32.95	29.95	
Time Manager (Included in HP110 Productivity Pack above.)				
Typing Whiz	TW11NS-P3	49.95	39.95	

Programming

Compiled BASIC (USED)	MS13UC-P3	\$425.00	\$225.00
FORTAN (USED)	FO12UI-P3	395.00	250.00
MS BASIC (USED)	MS11UC-P3	325.00	165.00
MS GW BASIC (USED)	GW11UC-P3	425.00	250.00
Programmer's Tools (USED)	PT11UC-P3	325.00	175.00
Turbo Pascal 5.5 P.Plus	TP52NX-P3	219.00	175.00
Upgrade for Plus, HP150	TP15NS-P3	69.00	69.00
(must own IBM PC Turbo 5.5, honor license)			
T.Pascal 3.0 Optimizer	TP17NS-P3	125.00	119.00

Project Management

Milestone	ML11NS-P3	\$99.95	\$89.95	
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SpreadSheet and Statistics

101 Macros	MC11NS-P3	\$69.95	\$62.95	
As-Easy-As	AS11NS-P3	99.95	79.95	(59)
Lotus 123, v2.01 / Symphony				
P.Plus Software Driver	LT14NS-P3	69.95	59.95	
SideWinder and Utilities	SW13NS-P3	79.95	69.95	
SideWinder	SW11NS-P3	69.95	59.95	(49)
Statistix 2.0	ST11NS-P3	169.00	159.00	

Word Processors

The Editor II	ED11NS-P3	\$99.95	\$79.95	(49)
Editor Pack	FM16NX-P3	259.00	195.00	
(Editor II, FormatPlus, Webster Speller)				
Editor II/Formatter	ED13NK-P3	119.95	99.95	
PlusPerfect	WD14NS-P3	150.00	129.00	(99)
VI (Unix-like editor)	VI11NS-P3	195.00	169.00	
**WordPerfect 5.0 P. Plus	WD17NS-P3	645.00	395.00	(350)
(Includes PlusPerfect)				

Word Processing Utilities

Format110	FM12NS-P3	\$39.95	\$35.95	
FormatPlus	FP11NS-P3	79.95	69.95	(49)
Formatter	FM11NS-P3	59.95	49.95	
HPPrint	HP11NS-P3	80.00	75.95	
MemoMaker Pack	FM14NX-P3	159.90	125.00	
(Format Plus, Webster Spelling Checker)				
OutlinePlus	OU11NS-P3	89.95	69.95	
PrinterTalk	PT11NS-P3	49.95	44.95	
PrinterTalk, Format110	PT12NS-P3	89.90	59.95	(49)
RightWords Dict. Ext.	RW12NS-P3	29.95	29.95	
RightWriter	RW11NS-P3	95.00	89.00	(79)
Webster's Speller	WB11NS-P3	79.95	69.95	(49)

ACCESSORIES, SUPPLIES

BATTERIES

HP110 Battery*	BT12HC-P3	\$39.00	\$39.00	
HP9114 Battery	BT13HC-P3	69.00	69.00	
Portable Plus Battery*	BT11HC-P3	59.95	59.95	
**Refrub. ThinkJet Battery	BT12NG-P3	49.00	49.00	
**Refrub. 9114 Battery	BT11NG-P3	49.00	49.00	
ThinkJet Battery (new)	BT14HC-P3	65.00	65.00	

* Includes instructions, torx screwdriver, nut driver.

CABLES

92221M serial modem 110,+	CA13HC-P3	\$42.00	\$42.00	
HP92221P serial print 110,+	SC13HC-P3	42.00	42.00	
HP-IL Cable, 1 Meter	HP14UM-P3	8.00	8.00	
**HP-IL Cable, 1/2 Meter	HP12UM-P3	6.00	6.00	
HP-IL Cable, 5 Meters	HP11UM-P3	10.00	10.00	
Port-Mac DB 9-pin Cable	PO11NH-P3	59.95	59.95	
Port-Mac DIN 8-pin	PO12NH-P3	59.95	59.95	
(Port-Mac Cables connect 110, P.Plus to Apple Macintosh)				
Serial modem 110, Plus	WM14NM-P3	42.00	20.00	
Serial printer 110, Plus	SC13NM-P3	42.00	27.95	

CARRYING CASES

HP vinyl 110, + (Like New)	BV11UC-P3	29.00	29.00	
HP leather 110, + (Used)	CS11UC-P3	89.00	49.00	
HP fabric system (Used)	SC11UC-P3	110.00	59.95	
Targus leather system	TA11NM-P3	199.95	179.00	
Targus nylon system case	TA12NM-P3	99.95	89.95	

POWER SUPPLIES, RECHARGERS

110, +, 9114, TJ charger	RC16UC-P3	\$20.00	\$20.00	
(European charger)	ER11HC-P3	25.00	25.00	
Empowerer II, HP9114	EM13NH-P3	119.00	95.00	
Empowerer II, ThinkJet	EM14NH-P3	119.00	95.00	
Mobile Recharger	PR11NM-P3	69.95	59.95	
Power Cube	PR13NM-P3	89.95	79.95	

PRINTER and DISK SUPPLIES

3.5" disks (10), case	DS11NM-P3	\$44.90	\$29.95	
DeskJet ink cartridge	CT11HC-P3	20.95	20.95	
HP92261n inkjet 2500 z	TJ12HC-P3	69.95	69.95	
HP51630a inkjet 500 z	TJ13HC-P3	19.95	19.95	
TJ ink cartridge (HP)	TJ14HC-P3	11.95	11.95	
TJ ink cartridge (plain)	TJ15HC-P3	11.95	11.95	
TJ ink cartridge (red)	TJ17HC-P3	13.95	13.95	
TJ ink cartridge (blue)	TJ16HC-P3	13.95	13.95	
TJ ink cartridge (green)	TJ11HC-P3	13.95	13.95	
** TJ Printer stand (Used)	AC12HC-P3	49.00	19.00	

UPGRADES / REPAIRS

256K to 512K Plus Upgrade	256KNG-P3	\$1100	\$395	
128K to 512K Plus Upgrade	128KNG-P3	1100	395	
FastPlus (CPU Upgrade)	FA11NG-P3	250	199	(159)
HP110 keyboard repl.	KE11UC-P3	225	195	
HP110 screen repl.	LC11UC-P3	435	195	
P.Plus screen upgrade/repl.	GO11NG-P3	350	195	
P.Plus keyboard replacement	KE12UC-P3	320	250	
Repairs		CALL	CALL	

HP no longer manufactures HP Portable equipment. All items on this price list have never been used or are reconditioned and in excellent condition. All items come with a 60-day money back guarantee and a 1-year Personalized Software warranty.

PRICE LIST: LS/12, PORTABLE VECTRA, HP95LX

LS/12 SPECIFIC PRODUCTS

Product	Part Num.	Retail Price	Sub. Price
LS/12 COMPUTERS			
Used LS/12, 20MB Drive	LS11UM-P3	Call for \$, avail.	
Used LS/12, 40MB Drive	LS12UM-P3	Call for \$, avail.	

LS/12 MEMORY

1 MB EMS Memory	EM11NH-P3	\$295	\$285
**4 MB EMS Memory (Price includes custom installation. Must send LS/12 to Personalized Software to upgrade memory.)	EM12NH-P3	1320	1220

LS/12 INTERNAL MODEMS

HPD1502a 2400 Modem	DM11HL-P3	\$449	\$369
Holmes 2400 FAX/Modem	DA11HL-P3	699	469

LS/12 DRIVES

Wetec 5.25" Drive	WE11NH-P3	\$349	\$299
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ADDITIONAL LS/12 PRODUCTS

Expansion Chassis, Cable	EX11NH-P3	\$599	\$599
Numeric Keypad	NU11NH-P3	129	115
HPD1057A Battery	NB11HL-P3	299	179
HPD1058A Recharger	BC11HL-P3	109	99
80287 math coprocessor	MA11HL-P3	649	379
LS/12 Carrying Case	CC11HL-P3	59	59

PORTABLE VECTRA CS SPECIFIC PRODUCTS

PORTABLE VECTRA COMPUTERS

**Used Port.Vectra CS 20	VE17UC-P3	3595	895
**Used Port.Vectra CS	VE12UC-P3	2495	495

INTERNAL MODEMS

HPD1003A 2400 Baud	VE16UC-P3	Call for \$, avail.	
HPD1002A 1200 Baud	MO11UC-P3	Call for \$, avail.	

SERIAL CARD & EMS MEMORY

Dual serial/EMS Card	AD11HC-P3	\$250	\$198
1 MB EMS memory	EM11HC-P3	595	295

OTHER VECTRA CS PRODUCTS

HP-IL Adapter Card	HP16NM-P3	\$245	\$235
HPD1007A Soft Case	CS12HC-P3	Call for \$, avail.	
Battery (HP D1001-60924)	BA11HC-P3	250	225
Recharger (HP 5061-4335)	VR11HC-P3	97.50	97.50

MONITORS FOR VECTRA CS, LS/12

Monochrome Monitor	VI12HC-P3	\$129	\$119
CGA Monitor	MO12HC-P3	399	299
EGA Monitor	MO13HC-P3	599	479

THE PORTABLE PAPER

(Subscribers Disks Only Available With Subscriptions)

Product	Part #	Price
1991 Subscription & Disk	PPN1PS-P3	\$55.00
For Vectra CS, 1988-91 issues, disks	VE11PK-P3	109.00
For Vectra CS 1988-90 issues, disks	PP15PB-P3	79.00
For LS/12 1989-91 issues, disks	LS11PK-P3	89.00
For LS/12 1989-90 issues, disk	PP12PK-P3	59.00
Individual back issue	PP99PB-P3	9.20
PP Binder Vol.3	PB13NM-P3	7.00
PP Binder Vol.4	PB14NM-P3	7.00
PP Binder Vol.5	PB16NM-P3	7.00

Reconditioned PRINTERS for the LS/12, P.VECTRA CS

Product	Part Num.	Retail Price	Sub Price
New Diconix - parallel	DT11NH-P3	\$519	\$399
New Diconix - serial	DT12NH-P3	539	415
Serial HP2225D ThinkJet	TJ14UC-P3	495	295
Parallel HP2225C ThinkJet	TJ11UI-P3	495	295
DeskJet Printer, cable	DJ11UC-P3	837	395
DeskJet Plus, cable	DJ12UC-P3	995	450
PainJet	PA12UC-P3	1395	CALL
LaserJet 500 Plus	LA13UC-P3	4200	CALL
LaserJet IID	LA12UC-P3	3795	CALL
Rugged Writer	RU11UC-P3	1695	CALL

HP95LX PALMTOP PC COMPUTER

Product	Part #	\$ Retail	\$ Subscriber
**HP95LX Palmtop PC (Comes with Lotus 1-2-3, version 2.2)	PTCOM1-P3	\$699.00	\$629.00
**128K RAM Card	PTRAM1-P3	\$199.95	\$179.95
**512K RAM Card (Expands 95LX file storage capabilities)	PTRAM5-P3	\$399.95	\$359.95
**Connectivity Pack (Connect 95LX to PC-compatibles)	PTCON1-P3	\$99.95	\$89.95
**Serial Interface Cable	PTSIC1-P3	\$35.00	\$35.00
**Serial Cable Adapter Kit	PTSAK1-P3	\$15.00	\$15.00
**Voltage Adapter (For U.S./Canada, conserve batteries)	PTVOL1-P3	\$15.00	\$15.00
**Dictionary/Thesaurus Card (Adds 116,000 word dictionary, 500,000 thesaurus to your 95LX.)	PTDTC1-P3(Available in late 1991)		

PERIPHERALS for the LS/12, P.VECTRA CS

PORTABLE MODEMS, FAX

WorldPort FAX/Modem	WF11NH-P3	\$699	\$599
WorldPort Modem 1200	WM11NH-P3	199	179
WorldPort Modem 2400	WM12NH-P3	359	319
WorldPort M. 2400/MNP	WM13NH-P3	499	425
WorldPort serial cable	WM14NM-P3	30	20
WP 1200 Upgrade kit	WM13NG-P3	199	179
WP Acoustic coupler	WM16NH-P3	79	79

EXTERNAL DRIVES, TAPE BACKUP

Backpack (parallel port drives)			
5.25", 1.2MB Floppy Drv	BP11HC-P3	\$349	\$329
3.5", 2.8MB Floppy Drv	BP12HC-P3	\$425	\$395
Wetec Serial 20MB Hddsk	WE12NH-P3	\$1099	\$899
Valitek Serial and Parallel Port Tape backup units			
60 MB Valitek	VA11NH-P3	1695	1495
160 MB Valitek	VA12NH-P3	2395	1995

OTHER LS/12, VECTRA PERIPHERALS

EtherNet Adapter	ET11NH-P3	\$695	\$629
Logitech Mouse	MS14NM-P3	119	99
Statpower PC100+ Inverter	ST11NH-P3	179	169

SOFTWARE for the LS/12, PORTABLE VECTRA

The Editor II	ED11NS-P3	\$99.95	\$79.95
Condor 3 for IBM	CR11HM-P3	495.00	379.00
LapLink	LA11NS-P3	139.95	119.00
NoSquint II	NO11NS-P3	49.95	45.95
Squish Plus	SQ12NS-P3	99.95	89.95
REDline	RE11HC-P3	49.95	49.95

CALL FOR CONSULTATION AND PRICING
ON OTHER IBM COMPATIBLE SOFTWARE PRODUCTS

ACCESSORIES for the LS/12, P.VECTRA

PRINTER SUPPLIES

TJ plain paper cartridge	TJ15HC-P3	\$10.95	\$10.95
TJ inkjet paper cartridge	TJ14HC-P3	10.95	10.95
HP922610 inkjet 2500 z	TJ12HC-P3	64.95	59.95
HP51630m inkjet 500 z	TJ13HC-P3	19.95	19.95
DeskJet ink cartridge	CT11HC-P3	19.95	19.95

FLOPPY DISKS

10 3.5" disks and case	DS11NM-P3	\$44.90	\$29.95
10 3.5" 1.44M disks, case	DS12NM-P3	69.95	59.95

CARRYING CASES

Targus leather system	TA11NM-P3	\$199.95	\$179.00
Targus nylon system case	TA12NM-P3	99.95	89.95

CABLES

Standard Parallel Cable	PL11NM-P3	\$29.95	\$24.95
P.Vectra 25-pin serial pm	SE12HC-P3	29.95	24.95
9-pin AT serial pm cable	SE11HC-P3	29.95	24.95

How to read Personalized Software's prices

\$995	\$795	(\$595)
Regular price		System price.
		To receive this price, you must purchase the product at the same time as you purchase an HP110 or Portable Plus from us.
Price for subscribers to The Portable Paper, our bi-monthly newsletter (only \$55 per year - see page 12).		

Executive Card Manager (ECM) on ROM

A Rolodex-like, "flat file" database - for addresses, customer lists, recipes, and any other lists you need to keep.

EC11UR Executive Card Manager \$395 \$225 (\$199)

DAC Easy Accounting

DC11NS DAC Easy Accounting on disk
\$150 \$129 (\$99)
Call to verify availability

dBASE II

DB11UC dBASE II (used) \$550 \$295 (\$295)

Communications software

**TermPlus for Portable Plus
Term110 for HP110**

Exceptionally easy-to-use alternatives to HP's Terminal program for the HP110 and HP's PC2622/Reflection program for the Portable Plus.

TE11NS Term110 on disk \$99.95 \$79.95 (\$79)
TE12NS TermPlus on disk \$99.95 \$79.95 (\$49)
TE13NK TermPlus on disk with ROM Backup
\$195 \$175 (\$99)

Reflection and PC2622

Reflection is a ROM-based HP and VT100 terminal emulator for HP3000 and mainframe users. Also for sophisticated (scripting) communications needs. PC2622 is a slightly earlier version of Reflection.

RF11UR Reflection on ROM \$525 \$295 (\$139)
PC13UR PC2622 on ROM \$395 \$239 (\$99)
AD12UR Advanced Mail on ROM
\$295 \$150 (\$99)

Other communications programs:

KE11NS Kermil \$19 \$19 (\$19)
RG11NS Relay Gold 2.0 (Portable Plus)
\$295 \$279 (\$279)
YT11UC YTERM \$135 \$49.95 (\$49)

Free one-year subscription to The Portable Paper!

When you purchase an HP110 or Portable Plus from us, we'll send you a one-year's subscription to The Portable Paper, our highly acclaimed newsletter for HP Portable users. (Regular price: \$55 per year).

BONUS! As a subscriber, you'll receive discounts of up to 45% on products for the HP Portables.

CompuServe Starter Kit

Gets you started you on CompuServe, one of the most popular electronic information services. (Includes HP Forum). Kit includes CompuServe's monthly magazine and \$25 worth of on-line time.

CM11NS CompuServe Starter Kit
\$39.95 \$35.95 (\$35)

File Transfer

Most people who use a portable computer often need to transfer files back and forth between their portable and a desktop computer. We offer several alternative approaches. Depending on your needs, you may want to use one or more of them:

HP-IL card

This circuit card gets installed inside an IBM PC or compatible. Once installed, the card allows you to transfer files between the PC and your HP Portable via thin, easy-to-handle HP-IL cables that are supplied.

IL11UC Used HP-IL card \$195 \$119 (\$99)

HPduette

HPDuette

Portable Plus version of a top-rated IBM PC program. Lets you transfer files at high speed between your Plus and a PC via a serial cable, without an HP-IL card. Versions on disk and ROM.

DU11NS HPDuette on disk \$99.95 \$89.95 (\$79)
DU13NK HPDuette on disk with ROM Backup
\$195 \$185 (\$139)

ReadHP

This software program allows an IBM compatible computer with a 3.5" drive to read and write to HP formatted disks.

RD11NS ReadHP on disk \$79.95 \$69.95 (\$49)

Link110 and LinkPlus

These programs let you transfer data between your HP Portable and any other HP-IL device. Now you can access your HP Portable, its unlimited storage capacity, and all its peripherals from your HP41, HP71, HP75, or series 80.

LK12NS Link110 for HP110 \$90 \$85.95 (\$85)
LK11NS LinkPlus \$90 \$85.95 (\$85)

Form IBM

This program, included in the 1988 Portable Paper subscribers disk, allows the HP110 or Portable Plus to format a disk on the HP9114 disk drive, readable both by the HP Portable and an IBM PC compatible. Available with back issues of The Portable Paper.

GREAT GIFTS!

HP Portable and HP110 systems make wonderful gifts for students, friends, co-workers, spouse, and children. Our system prices are as low as \$495. These are professional-quality computers with many advanced features that even the newest portables on the market don't have!

See pages 3 and 11 for details.

Programming

Turbo Pascal 5.5

The HP Portable Plus programming language of choice. IBM PC version of compiler (with OOP) adapted for the Portable Plus. Includes our TurboPlus Integrator, which lets you easily move back and forth between your text editor and the Turbo Pascal compiler.

TP52NX Turbo Pascal 5.5 on disk
\$219 \$175 (\$175)

Other programming languages:

MS21UR MS Basic on ROM \$331 \$165 (\$99)
MS11UC MS Basic \$325 \$165 (\$165)
MS13UC Compiled Basic \$425 \$225 (\$225)
GW11UC MS GW Basic \$425 \$250 (\$250)
PT11UC Programmer's Tools (assembler)
\$325 \$175 (\$175)
DB11UC dBASE II \$550 \$295 (\$295)
FO12U1 FORTRAN on disk
\$395 \$250 (\$250)
TP17NS Turbo Pascal 3.0 Optimizer
\$125.00 \$119.00 (\$119)

Graphics

**Sketch**

Lets you draw free-form on the HP110 and Portable Plus using cursor keys. Also draws lines, boxes,

HP manager hooked on Portable Plus

"The Portable Plus is deeply woven into everything I do as a manager. In fact, I am completely hooked; I could not function without it. The Portable Plus has proven invaluable for: communications, correspondence, travel expense reporting, performance evaluations, time and calendar management, address book management, and slide presentations."

- Srinji Nagoshwar
Hewlett-Packard

World's greatest

"I think the Portable Plus is the world's greatest laptop, but regrettably not enough people know about it."

- Emory Rogers
Engineer
Palo Alto, CA

circles at the touch of a single key. Prints entire screen on ThinkJet printer at virtually any enlargement. Versions on disk and ROM.

SK11NS Sketch on disk \$80 \$75.95 (\$75)

SK12NK Sketch on disk with ROM Backup
\$175 \$171 (\$171)

Flowcharting II+

Creates professional-looking flowcharts and organizational charts using standard flowchart symbols.

FL11NS Flowcharting II+ \$229 \$199 (\$199)

Games



GamesPlus

11 great games for your Portable Plus: Bridge, Chess, Fastermind, Foxhound, Go-Moku, HP Amateur, Landmine, Memory, Othello, Tic-Tac-Toe, and Yahtzee.

GA11NS GamesPlus on disk (11 games)

\$89.95 \$69.95 (\$49)

GA11NK GamesPlus on disk (11 games) with ROM

Backup (6 games on 2 ROMs: Chess, Fastermind, Go-Moku, Othello, Yahtzee, and Tiger Fox) \$205 \$175 (\$159)

Tiger Fox

Engrossing game of mazes and double pursuit. Created for the HP110 and Portable Plus.

TF11NS Tiger Fox \$32.95 \$29.95 (\$29)

HP110 SURVIVES CAR CRASH

"I decided in 1984 to purchase my HP110 Portable not only for its portability, but also for the quality and rugged construction that HP is known for. In February, that quality was tested in an automobile accident.

"The impact at 40 mph was broadside. The image in my rear-view mirror is etched permanently in my mind: my rear passenger door flying open, and my Portable sailing out of the car.

"The computer skipped once on the pavement, slid about 20 or 30 feet, then fell about 4 feet down into a storm drain. Luckily, we were ultimately able to fish the thing out. Except for a few minor scratches, the computer was fine. Upon running the diagnostics program, I found everything functioning normally. Testimony to its well-being is the fact that I'm using it to type this letter."

- Jeffrey W.S. Kong
Waipahu, HI

Statistics, Project Management

Statistix (Version 2.0)

Comprehensive statistical package. Easy to learn, easy to use.

ST11NS Statistix 2.0 \$169 \$159 (\$159)

Milestone

Project management software. Milestone is for small to medium size projects.

ML11NS Milestone \$99.95 \$89.95 (\$89)

Batteries, Accessories, and Supplies

Batteries

Even rechargeable batteries eventually wear out. When yours do, we can sell you new ones.

BT12HC New battery for HP110 \$39 \$39 (\$39)

BT11HC New Battery for Portable Plus

\$59.95 \$59.95 (\$59)

Note: Batteries for the HP110 and Portable Plus normally are installed only by authorized dealers - mainly because of the special tools required (8" torx driver and 7/32" nut driver). Buy a battery from us and we'll include the tools! With our clear written instructions, you can do the job yourself in 5 minutes.

BT14HC New battery for ThinkJet printer

\$65 \$65 (\$65)

BT13HC New battery for HP9114 disk drive

\$69 \$69 (\$69)

Save \$30:

BT11NG HP9114 Refurbished battery

\$49 \$49 (\$49)

BT12NG ThinkJet, Refurbished Battery

\$49 \$49 (\$49)

Tips to extend battery life:

HP110, Portable Plus, and HP9114: Don't allow battery to discharge completely. Recharge when gauge is still above 60%.

ThinkJet: Allow battery to discharge until yellow warning light comes on.

ThinkJet/DeskJet supplies

TJ15HC ThinkJet plain paper cartridge

\$11.95 \$11.95 (\$11.95)

TJ14HC ThinkJet inkjet paper cartridge

\$11.95 \$11.95 (\$11.95)

TJ17HC ThinkJet ink cartridge (red)

\$13.95 \$13.95 (\$13.95)

TJ16HC ThinkJet ink cartridge (blue)

\$13.95 \$13.95 (\$13.95)

TJ11HC ThinkJet ink cartridge (green)

\$13.95 \$13.95 (\$13.95)

TJ12HC ThinkJet 2-fold paper, 2500 sheets

\$69.95 \$69.95 (\$69.95)

TJ13HC HP51630a Z-fold inkjet paper, 500 sheets

\$19.95 \$19.95 (\$19.95)

CT11HC DeskJet ink cartridge

\$20.95 \$20.95 (\$20.95)

How to read Personalized Software's prices

\$995	\$795	(\$595)
Regular price		System price.
	Price for subscribers to The Portable Paper, our bi-monthly newsletter (only \$55 per year - see page 12).	To receive this price, you must purchase the product at the same time as you purchase an HP110 or Portable Plus from us.

AC12HC ThinkJet printer stand

\$49 \$19 \$19

Disks

DS11NM 10 3.5" disks with case

\$44.90 \$29.95 (\$29)

Cables

SC13HC HP92221P serial printer cable

\$42.00 \$42.00 (\$42)

SC13NM Personalized Software serial printer cable (less expensive equivalent to HP92221P)

\$42 \$27.95 (\$27)

CA13HC HP92221M serial modem cable

\$42 \$42 (\$42)

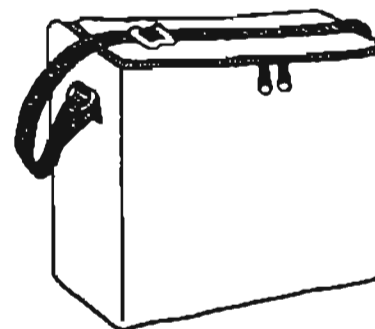
WM14NM Personalized Software serial modem cable (less expensive equivalent to HP92221M)

\$42 \$20 (\$20)

HP14UM HP-IL Cable, 1 Meter \$8 \$8 (\$8)

HP12UM HP-IL Cable, 1/2 Meter \$6 \$6 (\$6)

HP11UM HP-IL Cable, 5 Meters \$10 \$10 (\$10)



Carrying Cases

CS11UC Used HP leather case \$89 \$49 (\$49)

SC11UC Used black fabric system case

\$110 \$59.95 (\$59)

TA12NM New Targus nylon system case

\$99.95 \$89.95 (\$89)

TA11NM New Targus leather system case

\$199.95 \$179.00 (\$179)

BV11UC Used HP vinyl

Chargers

RC16UC HP9114 and ThinkJet charger (U.S.)

\$20 \$20 (\$20)

ER11HC HP9114 and ThinkJet charger (European)

\$25 \$25 (\$25)

HERE'S WHAT OUR CUSTOMERS SAY

Exceeded Expectations

"The used Portable Plus I purchased from you has equalled or exceeded my every expectation. And I am only 20% or so into the unit's myriad of software."

*J.F. Pechac
Cleveland, OH*

Well-Suited Desktop Adjunct

"My basic approach to portable computing has been to use a portable as a peripheral to a desktop computer. Both of the HP Portables lend themselves particularly well to this approach.... Transferring a file is as easy as copying from one disk to another."

*Jim Scheef
White Plains, NY*

Prompt Service

"Thank you very much for such prompt service! Thanks to Personalized Software for a vital operation!"

*Ray Michell
KB - Aerotech
Lewistown, PA*

Upgraded to Portable Plus

"I'm really enjoying the expanded RAM which the Plus has over my old HP110. I was always writing bigger Lotus programs than the 110 could handle...."

"In my business, I travel all over the country and my Portable Plus with disk drive and printer go everywhere I do. The long hours of airline travel would "waste" most portable computer batteries, but not so with my HP Plus -- it takes a lick'n and keeps on click'n."

"Keep the good articles coming in The Portable Paper. I enjoy reading them as much as Popular Mechanics and my Guns and Ammo magazine."

"Please thank everyone that assisted in getting my order to me so fast. I liked your stamp on the UPS box that read "This Package Shipped Within 48 Hours of Your Order." Very impressive -- keep up the good work."

*W.S. Wagner, Jr.
Alpharetta, GA*

Abundance of Peripherals and Software

"Because there are so many new products around (from Personalized Software), choosing peripherals and software for the

HP110 and Portable Plus is becoming almost as difficult as it is for a regular PC. Keep up the good work!"

*Jonathan Feinstein
Ithaca, NY*

Took Portable Plus to China

"I bought a Portable Plus to take to China for a three-month trip on dinosaurs and primitive mammals. It took care of all my needs in Beijing, Shanghai, Xian, Guangzhou and Nanxiong. Didn't lose a byte on the whole trip despite at least five power outages and lord knows how many brown-outs. I now use it as my regular computer."

*Bob Sloan
North Oaks, MN*

Editorial Artist Uses HP Portable

"I am an artist and inventor and work at a metropolitan newspaper as an editorial artist. The only laptop I am going to use is this portable, and so I am delighted to find a serious company such as yours which, for relatively reasonable prices, provides software that I will need for word processing and other relatively complex endeavors."

*Steven Johnson
Carmichael, CA*

Dependable

"I value very, very highly the capability and dependability of this machine [Portable Plus]."

*John Hubbard
Orchard Park, NY*

Portable Plus goes to sea

"My Portable Plus (along with my HP9114 disk drive and ThinkJet printer) is installed in the navigation station of my cruising sailboat. I use three of your mobile rechargers to charge the equipment from the boat's batteries. A fixed, AC-operated computer is of little value to me, as I am not in a permanent location long enough to make one worthwhile."

"I use MemoMaker for writing reports and letters, and Lotus 1-2-3 for keeping my maintenance log, parts lists, and navigation log. In addition to using the Portable Plus when living on the boat, I find it an excellent air-traveling companion, as I can

make use of the many waiting periods associated with air travel."

*David Hadley
Grenada, Spain*

Owens 3 HP110s

[March 28, 1990] "I'm really sold on the HP110. I bought my first one when they first came out and have been using it regularly ever since. I have looked at many other portables since, and haven't found one that didn't have drawbacks when compared to the HP110, so I purchased two more."

"The HP110 is a high-standard, professionally designed instrument that is ideal for use by managers and professionals for daily use at their desks ... I continue to be impressed with the HP110."

*Thomas Morgan
Civil Engineer*

The Portable Paper — "A must!"

"The Portable Paper is a must for any serious HP Portable user."

*Bill Crow
Hewlett-Packard support engineer,
CompuServe's HP Forum system
operator*

"Without The Portable Paper, I never would have gotten so much use from my Portable Plus. It is a great publication - keep up the good work."

*Donald J. Hertzmark
Washington, DC*

Commendations for Ethics

"Thank you for you phone call today. Your company is to be commended for its ethics and policies."

*W.B. Camp, Jr.
Eclectic Associates, Inc.
Fullerton, CA*

Great job

"Hal Goldstein and his staff have done a bang-up job since the start."

*Jack H. Sparks
Downey, CA*

HP Portables still the best!

"I agree with you and most of your subscribers — the HP Portables are still the best machines on the market (July, 1990)."

*Dale Montgomery
Cary, NC*

10 great reasons to buy an HP Portable



The most striking benefits of the HP Portables are a direct result of HP's pioneering RAM/ROM technology. This technology gives you:

1. Greater ruggedness.

The HP Portables have no moving parts except the keys, and are absolutely *the most rugged portables available*. You don't have to baby an HP Portable - it can withstand a 30" drop onto concrete without damage. We don't advise doing that with any other computer!

2. Longer battery life.

All other portables of comparable size, weight, and functionality only give you 1-5 hours of battery life between charges. With no power-hungry disk drives to operate, the HP Portables give you 12-20 hours of continuous use between charges. Have you ever been at an airport with another portable and run out of power with no electrical outlet in sight? You only have to experience that once to know what a blessing the HP Portables' long battery life can be!

But the advantages don't end there. With the HP Portables, you also get:

3. Automatic shut-off/instant restart.

With almost every other portable, you have to remember to turn off the computer whenever you leave it for a few minutes, in order to save battery life. When you return, you have to reboot the system, reload your program, call up the file you were working on, and finally find your way back to the place where you left off.

By contrast, the HP Portables shut themselves off automatically after five minutes of non-use. Better yet, when you

return, all you have to do is tap any key and you're instantly back exactly where you were!

This "non-volatile memory" feature not only saves your batteries - it also saves you about two minutes of time, effort, and annoyance in restarting each time.

4. Faster access.

Data and programs stored in RAM or ROM load and unload into memory 5-25 times faster than with a hard disk. HP Portable users hate the wait with other systems. With an HP Portable, you press one key and your program loads in a second!

5. Lighter weight.

With no built-in mechanical disk drive, you will not be able to find another portable this rugged yet this light. (HP110: 8 pounds; Portable Plus: 9 pounds.)

6. No need to use DOS.

Most HP Portable users appreciate their computer's Personal Applications Manager (called PAM for short). PAM lets you run programs - and also save, load, copy, and delete files - by making menu selections with a few simple keystrokes. You never have to learn and type MS-DOS commands for these frequently performed operations.

7. More programs on ROM (Portable Plus).

Even today, very few portables store programs and data in ROM. Of those that do, the Portable Plus offers the most flexibility - both in terms of capacity and number of ROM-based programs available.

The Portable Plus holds up to 12 ROM chips in an optional "ROM drawer" that fits into the bottom of the machine. Each ROM chip can hold one - or several - programs. More than 50 programs are currently available on ROM for the Plus, with more being added all the time. No other portable has anywhere near this number of programs available on ROM.

This makes the Portable Plus the most self-sufficient portable on the market. Instead of having to lug a disk drive and floppy disks wherever they go, most users can have every program they need right inside their Plus ready to be used at a moment's notice - with plenty of space left over for storage of data files.

Our Portable Plus systems come bundled with plenty of ROM software ready to use.

And on top of all that:

8. The HP Portables are the best-supported portables on the market.

We at Personalized Software offer *free technical support* for every computer we sell - and we are recognized worldwide as the HP Portable experts.

We also publish The Portable Paper, an encyclopedia of information and tips for using the HP Portables to full advantage. Each year we publish a complete subject index of all back issues.

(The Portable Paper sells for \$55 per year, but you'll receive a one-year subscription FREE when you buy an HP110 or Portable Plus from us.)

We also offer an instructional videotape for beginner and intermediate users.

And in the unlikely event your HP Portable will ever need repairs, our trained technicians can repair your system for much less than you would expect to pay elsewhere.

Nothing like this level of support exists for any other portable on the market.

9. Our HP Portables give you more for your money than any other portables on the market.

For example, the 512K Portable Plus bundled with our Writer's ROM and 6 bonuses sold for \$4135 as recently as September, 1989. We sell that same system for only \$995. *Nowhere else can you get the quality, computing power, and sheer convenience of these HP Portable systems for anywhere near these prices!*

10. One-year guarantee. 60-day no-risk trial.

We are so confident in the quality and reliability of the used and like-new HP Portables and peripherals we sell that we back them with the same one-year guarantee Hewlett-Packard offers on new equipment. In addition, if you are dissatisfied with your HP Portable system for any reason, you may return it within 60 days for a full refund.

Call 800-373-6114 for more information and ask for our *HIDDEN TREASURE CATALOG!*

Rugged, dependable HP Portable computer systems packed with all the software you may ever need!

5 great systems to choose from!

512K HP PORTABLE PLUS

PERFECT PLUS SYSTEM

**WORD PERFECT,
THE WORLD'S BEST-SELLING
WORD PROCESSOR**

BUILT IN ON ROM

FOR ONLY \$1295!

512K HP PORTABLE PLUS

SUPER PLUS SYSTEM

INTERNAL MODEM

WORD PROCESSOR

SPREADSHEET

GRAMMAR CHECKER

DATABASE

UTILITIES

TIME MANAGER

FILE TRANSFER

GAMES

... AND MUCH MORE!

ALL BUILT IN ON ROM

FOR ONLY \$1795!



HP110 PORTABLE

THRIFTY SYSTEM

BUILT-IN MODEM

LOTUS 1A

WORD PROCESSOR

COMMUNICATIONS SOFTWARE

BUILT-IN ON ROM

FOR ONLY \$395!

512K HP PORTABLE PLUS

POWER PLUS SYSTEM

**WORD PROCESSOR /
SPELLING CHECKER**

FILE MANAGER

POP-UP CALCULATOR / NOTEPAD

BUILT IN ON ROM

FOR ONLY \$995!

512K HP PORTABLE PLUS

TERMINAL PLUS SYSTEM

INTERNAL MODEM

WORD PROCESSOR

TIME MANAGER

**TERMINAL EMULATION
SOFTWARE
FOR ACCESSING AN HP 3000
OR MAINFRAME COMPUTER**

FOR ONLY \$995!

What Our Customers Say

No rivals

I don't know where to turn if I want to upgrade to a laptop computer that rivals the Portable Plus — there are none! There are no portable computers as rugged as the Plus. None of the current crop of laptops [May, 1991] even approaches the battery life of this machine.

— Ed Keefe

Ankeny, IA

Great computer

"My RAM/ROM laptop for the past three years has been a Hewlett-Packard Portable Plus, a personal computer that is the embodiment of technical elegance.

"HP's Portable Plus is a true laptop with 20 hours of battery life. It enjoys a high degree of user loyalty because it is an innovative and practical PC; its open architecture lets you

configure it with up to 4MB of RAM disk. There is great support on software and hardware from The Portable Paper in Fairfield, Iowa."

— Frank Keresztes-Fischer

Brighton, MI

(Continued on page 14)

PERSONALIZED SOFTWARE

A Division of Thaddeus Computing, Inc.
P.O. BOX 869
FAIRFIELD, IOWA 52556

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ask for our HIDDEN
TREASURE CATALOG!**