WHEN A PERSONAL COMPUTER ISN’T ENOUGH, YOU NEED A PERSONAL PDP-11.

NOW YOU CAN HAVE DIGITAL’S PERSONAL PDP-11’S RUNNING PDP-11 AND VAX-COMPATIBLE SOFTWARE ON YOUR DESK.

You know who you are. You’ve been doing a major part of your work using a terminal connected to a PDP-11 or VAX system. Your applications are as wide-ranging as your knowledge. Theoretical physics, real-time data analysis, statistics, financial modeling, CAD/CAM, process control—their’s very little that’s beyond the reach of your professional experience.

Like most users, you’re very satisfied with the services you’ve been getting from your PDP-11. You’ve come to rely on them, in fact. And you’re not willing to give them up for just a personal computer. What you really want is a full-powered minicomputer dedicated exclusively to your work.

If you’re this type of user, Digital has exactly the computers you need: the Professional Series, our personal PDP-11’s. They’re engineered to give you the minicomputer power and sophistication you’ve come to expect—in a personal computer size, and at a personal computer price.

RICH PDP-11 DEVELOPMENT ENVIRONMENTS AT YOUR COMMAND.

Digital’s Professional Series, the best-engineered desktop systems for computer-experienced professionals, offer you a choice of minicomputer-powered operating systems.

First among these is P/OS, the Professional Operating System. A single-user, multi-tasking version of RSX-11M-PLUS, it gives you capabilities that far exceed typical personal computer software. Its complement of compiler languages includes BASIC 11, DIBOL, COBOL-81, Pascal, FORTRAN-77, and WHITESMITH C. What’s more, a Native Tool Kit and a rich selection of editors, debuggers, task builders, forms management and sort utilities helps you achieve the high programming productivity you’ve come to expect from a minicomputer.

The UCSD-p System is available as an alternative development environment under P/OS. Plus, P/OS lets you use Digital Classified Software, a portfolio of proven applications such as TK! Solver, a high-performance equation-solving tool, and RS/1, an industry-standard laboratory research system.

Next, there’s PRO/RT-11, a single-user, multi-tasking, real-time operating system that’s so popular in technical OEM PDP-11 applications. There’s also the STANDARD MICRO MUMPS 300 System. And for commercial applications there’s the CTS 300 system, which features RT-11 DIBOL portability.

VENIX, a UNIX System V 7M operating system complete with Berkeley 4.1 enhancements, has been optimized for the Professional Series. It even includes a UNIX System 5 software license, demonstrating our commitment to keeping the Professional current with future UNIX directions.

MINICOMPUTER STRENGTH APPLICATIONS. ON THE SHELF. READY TO GO.

The reason we’ve engineered the Professional with a variety of operating systems isn’t just to let you write your own minicomputer-powered programs. It’s to let you access a vast library of proven, developed PDP-11 and VAX programs, and run them independently on your Professional.

Many third-party PDP-11 and VAX applications—or the ones you’re using now—can be transported to your Professional. You can use the same files, the same commands. This puts an incredible variety of scientific, industrial, technical and commercial solutions at your disposal.

Just as important, you can attach a real-time interface to the Professional to adapt it for scientific and industrial use. And you’ll have a wide variety of options to choose from.
of printers, plotters, and special purpose peripherals to choose from.

**A TRUE DISTRIBUTED OFFICE WORKSTATION ON YOUR DESK.**

The Professionals acknowledge the fact that you work in an office as well as in a lab, offering Pro Office Workstation, the Professionals' version of Digital's ALL-IN-'1" software, the best-engineered office automation system you can buy. Running in conjunction with a VAX host, ALL-IN-1 gives you word processing, automatic spelling verification, electronic filing, electronic mail, calendar management and more. And that can increase productivity organization-wide.

Office automation tools designed for independent use on your Professional include Digital's ASKIT™ software, which provides business graphics, personal database, word processing and spreadsheet functions, plus a game. And with the optional CP/M® Softcard, you can run a variety of CP/M-80 packages on your Professional.

**ETHERNET/DECNET LOCAL AREA NETWORKING TODAY.**

The Professional 300 Series supports a variety of networking options. Foremost among these options is DECnet,™ which lets your Professional serve as a distributed workstation with PDP-11 and VAX processors. And, DECnet gives you a choice of local and wide-area communications devices, including 10 Mb/sec Ethernet, with full support for V2.0 standard (IEEE 802.3 specification); public packet-switched X.25 networks; and standard telephone lines.

And by virtue of its compatibility with PDP-11 and VAX software and RMS file structures, the Professional lets you download remote files from your PDP-11 or VAX to your Professional, all transparently to the user and the program. Or, if you wish, your Professional can emulate Digital's VT™ terminals.

The Professional doesn't leave out the rest of the world, either. Device emulation includes IBM 3270, 2780/3780, 3277, and more.

**THE LEADING GRAPHICS WORKSTATION IN ITS CLASS.**

If you only want to portray simple X-Y values, lots of personal computers can do the job. But if you need a way to graphically display thousands of information variables, there's no finer tool available than a Professional. It gives you a palette of 4,096 colors to work with. State-of-the-art graphics architecture, like GIDIS,™ a virtual device interface, helps you design fast graphics for your programs, while allowing them to run independently of future hardware enhancements. Industry-standard graphics application interfaces are also available. And the Virtual Device Metafile capability lets you integrate text and graphics in a single file under P/OS 2.0. Just as important, the quality of Professional 300 graphics is unsurpassed. The bit mapped screen provides a 960 x 240 pixel resolution. And Digital's IVIS™ Interactive Video System is available for advanced program development.

**BEST ENGINEERED MEANS ENGINEERED TO A PLAN.**

The Professionals 300 Series, like every Digital hardware and software product, is engineered to conform to an overall product plan. This means Digital systems are engineered to work together easily and expand inexpensively. Only Digital provides you with a single, integrated computing strategy from desk top to data center.

For more information on Digital's Professional 300 Series systems, the Professional 325 and the Professional 360, call 1-800-DIGITAL, ext. 690. Or send the coupon or write: Digital Equipment Corporation, Attn: Mr. Dennis Coady, 200 Baker Avenue, West Concord, Massachusetts 01742.

I'd like more information on Digital's Professional 300 Series, the Personal PDP-11's:

☐ Please send a copy of your new Professional Series Handbook.

☐ Please have a sales professional call with complete information.

Name ____________________________

Company ____________________________

Address ____________________________

City ____________________________ State Zip ____________________________

Telephone ____________________________ Ext ____________________________

Return to: Digital Equipment Corporation, Attn: Mr. Dennis Coady, 200 Baker Avenue, West Concord, MA 01742. Media Code: N.

**THE BEST ENGINEERED COMPUTERS IN THE WORLD**

© Digital Equipment Corporation 1984

Reader Service Number 25