Multi-User/11V03. The lowest cost complete multi-user computer system for education.

An affordable multi-user computer system for educational institutions with limited budgets has not, until now, existed. At a purchase price of less than $5,000 per terminal, your school can acquire a timesharing system with 4-user capability.

A classroom tool that fits right in.
Since the MU/11V03 was specifically designed for the classroom environment, we made it small and compact—it takes up less space than a teacher's desk. And because it is so small, it's portable—the processor, disk storage and all electronics fit easily into a single-cabinet configuration that is complete with roll-around wheels.

The MU/11V03 has no special power requirements; plug it into any standard power outlet, and it's ready to go.

A choice of powerful languages.
The RT-11 operating system provides the MU/11V03 with real-time, interactive operation. And the MU/11V03 offers a choice of languages—easy to learn, English-like BASIC and FORTRAN IV, a problem solving language popular with scientific applications. The MU/11V03 enables three users to run BASIC programs while a fourth user is running either FORTRAN IV or MACRO assembly language in the background.

State-of-the-art technology… economy and performance.
The MU/11V03's small size and, therefore, its portability is made possible through today's microprocessor technology, or what the industry calls LSI—Large Scale Integration. Its low cost is due, in large part, to DIGITAL's high volume manufacturing capability. The MU/11V03 includes the PDP-11/03 minicomputer, dual flexible disk storage, a choice of interactive video display and/or printer terminals, and complete BASIC and FORTRAN IV system software.

PDP-11/03.
Traditional barriers such as size, weight, packaging, maintainability and cost have been remarkably minimized in the 11/03 through microprocessor technology. Packaged with up to 56K bytes of semiconductor memory and providing more than 400 powerful instructions, the PDP-11/03 is about the size of a stereo receiver.

Dual flexible disk storage.
A dual flexible disk storage unit provides inexpensive, large capacity storage for the MU/11V03 system. Designed for simplicity, economy and efficiency, the diskettes are flexible and about the size of a 45-rpm phonograph record. They are easily inserted and removed from the unit and are operationally faster than such alternatives as tape cassettes. Their physical flexibility and small size make them both practical and convenient for schools to establish an educational program library.

A choice of interactive video display or printer terminals.
The large-screen video display terminal allows instructions and solutions to be clearly visible to the user. The VT52 DECscope displays 24 lines of 80 characters each. User-entered data and system-generated inquiries and responses appear in a matter of seconds, a feature that provides a steady work flow among 4 simultaneous users.

For those who desire graphics capability, the VT55 allows simultaneous display of text and graphics. And, at the simple touch of a key, the VT55 can supply a hard copy reproduction of the display screen for both characters and graphs.

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The LA36 interactive printer terminal offers fast, reliable operation and is extremely easy to use. It features many practical, functional and operator-oriented innovations, including 30-characters-per-second throughput, quiet operation, variable forms width, and multi-part forms capability. The typewriter-like keyboard assures easy user adaptation.

All terminals can be located 25 feet away from the central processor via normal cable extension.

Console keyboards.

The keyboards on both the video display and interactive printer terminals are arranged in conventional typewriter format and provide the easy-to-use input link to the MU/11V03. Each has provisions for alphabetic, numeric and special characters, plus a separate numeric keypad for efficient data entry. Since the keyboards were also engineered for quiet operation, they are ideal for use within the classroom.

A selection of application material.

In addition to application material available under RT-11, programs that have been developed by DIGITAL computer users can be requested from our Digital Equipment Computer Users Society library.

On-site training...and worldwide service.

Included in the purchase price of your MU/11V03 system is one day of on-site training provided by a DIGITAL software representative. In addition, the MU/11V03 includes professional installation and a complete 90-day warranty. And regardless of your installation site, our 200 sales and

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DIGITAL...a leader in educational computing.
DIGITAL furnishes more computers for interactive student use than any other manufacturer. Over one million students are using DIGITAL computer systems every year. These systems are available in a wide range of size, price, and capability that meets the diverse challenges of the education marketplace. The new MU/11V03 is fully compatible with the complete line of PDP-11 family computer systems, which ranges from the LSI-11 microprocessor to the high-end, 63-user PDP-11/70.

MU/11V03 system features.
State-of-the-Art LSI Technology
☐ a full 28K word (56K bytes) main memory
☐ PDP-11 family compatibility
☐ hardware multiply/divide
☐ power fail/auto restart

Inexpensive, Flexible Disk Storage Capacity
☐ simple to operate
☐ low-cost, compact, removable diskettes
☐ 256K bytes of data storage capacity per diskette
☐ average access time of 483 milliseconds

RT-11 Operating System
☐ consistent, fast, responsive keyboard commands
☐ system messages are clear and concise
☐ supports single-user FORTRAN IV
☐ supports up to 4 simultaneous users in BASIC

Multi-User BASIC
☐ public and group libraries
☐ resource sharing
☐ virtual arrays
☐ "CALL" statement for assembly language routines
☐ immediate mode for calculator-like operation
☐ program chaining
☐ string support (arrays and functions)

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Video Display Terminal
- ☐ upper- and lower-case video display
- ☐ 12 or 24 lines of 80 characters each
- ☐ large, easily visible screen size
- ☐ auxiliary 19-key numeric pad

Interactive Printer Terminal
- ☐ true 30-cps throughput
- ☐ 132-column printing; 10 characters per inch horizontal
- ☐ 7 x 7 dot matrix printing element
- ☐ 128-character ASCII upper/lower case set
- ☐ optional numeric pad

Give us a call.

If you think the MU/11V03 can solve your budget-conscious timesharing requirements, give one of our Education Products Specialists a call at (617) 897-5111, extension 3508; or, send in the attached postage-free reply card.

I'm interested in the MU/11V03.

- ☐ Please send me the MU/11V03 technical summary.
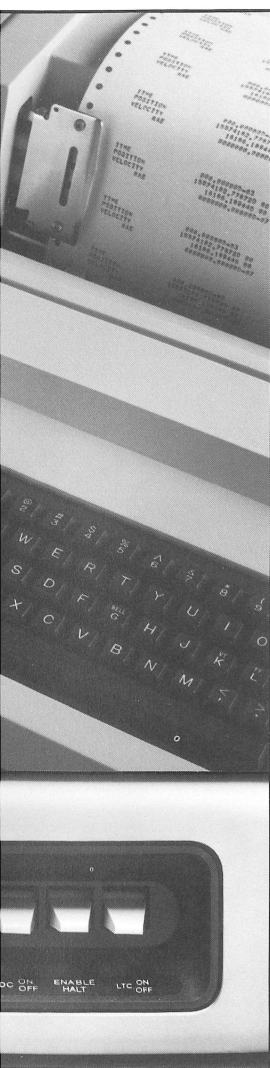- ☐ My needs are more immediate—please have a sales representative contact me.

Name_____

School/University_____

Title_____

Street_____

City_____ State_____ Zip_____

Telephone number_____

MU/11V03 Specifications

(without terminals)

Mechanical	Size: 25″ x 19″ x 25″ (63.5 cm x 47.5 cm x 63.5 cm) Weight: 200 lbs. (90.9 kg)
Power	Typical current: 9 A @ 115 VAC (4.5 A @ 230 VAC)
Environment	Operating temp: 59°F - 90°F or 15°C - 32°C Relative Humidity: 20-80% (w/max wet bulb @ 25°C or 77°F and minimum dew point 2°C or 36°F)

d i g i t a l

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C.H.-1211 Geneve 26

Place
Stamp
Here

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