

\$2390/Month

a GE-225 for scientific computation

GENERAL ELECTRIC

For \$2,390 per month, you could have a complete GE-225 computer installation, ideal for scientific computation. The price includes the central processor with 4096 words of 18µs memory, paper tape input and output, electric typewriter and console. We really mean it when we say "complete." You won't find out later that things like multiply and divide hardware are "extra." They are standard on the GE-225.

The pricing structure on the GE-225 has been simplified to tell you exactly what you need and what you get. Pick the size of memory and the input/output equipment you want. You can't be misled, because there are only 10 other options in the entire GE-225 line (and none are normally required with the \$2,390 system to obtain results). The prices are clear and to the point.

But don't get the idea that the system described above is the only GE-225 system available. This small system will do a wide range of scientific problems, but it will obviously have limitations in problem size with 4096 words of memory and no magnetic tape. Input/output will be in the form of paper tape. That's enough to meet many requirements, but if it is too small for <u>you</u>, or you figure you might outgrow it, look what you could add:

- Memory up to a total of 16,384 words.
 Note: By adding 4096 words, you can use WIZ, the algebraic compiler.
- Card reader...400 or 1000 cards/minute.
- Card punch...100 cards/minute.
 Note: The basic scientific system with a card reader (400 card/min.) and punch, in place of paper tape is \$2,675/mo.
- Magnetic Tape...15 KC, 41.6 KC or 66.6 KC.
- High speed printers...900 line/minute on-line or on/off line.
- Magnetic Random Access Data Storage...18.8 million characters per unit.
- Document Handler...Reads and sorts 1200 documents/minute.

- Provision for up to 10 read/write operations simultaneous with computing.
- Floating point and double-word fixed point hardware.
- BCD package...3-way compare, added index words, decimal add-subtract.
- Automatic interrupt.
- Real-time Clock

Somewhere along the way in your expansion, you will probably have added data processing applications to the work load. Good. The GE-225 is ideal for this combined use, with its full peripheral line and its binary arithmetic, backed up by BCD capability. The addition of management planning, control and decision applications won't throw it either.

A very large GE-225 system has approximately ten times the capacity of the small system designed only for scientific applications. So start with whatever meets your immediate needs. Forget the idea that you will have to replace your GE-225 if your problem load becomes bigger and more sophisticated.

* * * *

The support behind every GE-225 matches fully the proven performance of the system itself. Take software. GECOM, the general compiler, combines a business oriented language, an algebraic language, a tabular language (TABSOL) for decision making problems, and an unusually capable report writer.

WIZ offers simplified scientific programming and fast compiling speeds. GE-225/CPM brings control of time and cost in project management. ZOOM allows machine language programs to be written in "shorthand." All of these program systems, plus many industry oriented programs are available to the GE-225 user.

* * * *

Reliability of the GE-225 is becoming legend. Its conservative design produced exceptional reliability to start with. The thorough training of General Electric's service engineers makes it a certainty that this kind of performance will continue.

* * * * *

Right down the line, General Electric provides the services needed to see you through the transition from manual methods (or from an obsolete computer, for that matter) to efficient, effective computer operation.

Now you know perhaps half the story. There are many important features of the GE-225 which have only been touched on here, or not mentioned at all. Get the whole story and you will find the GE-225 to be far and away the biggest buy in its price range.

How about a call?

OFFICES

Atlanta, Georgia
522-1611
Boston, Massachusetts
245-5860
Charlotte, North Carolina
FR 5-5571
Chicago, Illinois
782-5061
Cincinnati, Ohio
UN 1-3400
Cleveland, Ohio
SU 1-6822
Columbus, Ohio
CA 8-2916
Dallas, Texas

ME 1-0910

Denver, Colorado DU 8-4545 Detroit, Michigan TR 2-2600 Houston, Texas MO 6-1496 Huntsville, Alabama 529-1747 Jacksonville, Florida 356-2721 Kansas City, Missouri GR 1-2919 Los Angeles, California DU 1-3641 Louisville, Kentucky GL 4-7511 Milwaukee, Wisconsin BR 1-5000 Minneapolis, Minnesota FE 2-7569

New York, New York PL 1-1311 Philadelphia, Pennsylvania LO 8-1800 Phoenix, Arizona 264-3741 Pittsburgh, Pennsylvania AT 1-6400 Portland, Oregon CA 8-0281 San Francisco, California DO 2-3740 Schenectady, New York FR 4-2211 Seattle, Washington MA 4-8300 Springfield, Massachusetts 739-2102 St. Louis, Missouri

Electric Company, Limited, Electronic Equipment and Tube Dept., 214 King Street West, Toronto, Ontario, Canada

In Canada: Canadian General

Syracuse, New York

Washington, D. C. Area

GR 6-4411

654-9360

In Europe: International General Electric S. A. Data Automation Department 81 Route del'Aire Geneva, Switzerland



GE 6-4343

A large GE 225 system

Progress Is Our Most Important Product



COMPUTER DEPARTMENT • PHOENIX, ARIZONA

DATAMATION SEPLET