

Qantel



System 210

Qantel System 210

AN OVERVIEW

Qantel's System 210 is an entry-level business computer system specifically designed to bring all the advantages of computer automation to first-time computer users. By applying the disciplines of advanced data processing technology, Qantel has succeeded in packaging full-scale computing power into a beautiful desktop system that:

- Plugs into your existing office environment
- Programs with off-the-shelf software
- Operates with existing personnel
- Enables an executive to write all his own reports in plain English
- Handles all the computing requirements of a small company
- Functions as a stand-alone processor in a distributed processing network

The following will demonstrate the value of this system, and describe what's in it for you.

SIMPLICITY OF OPERATION

One of the most attractive features of the Qantel System 210 is the ease with which you can use it. To install it, plug it in. A conventional 110V outlet is the only power source you need. To turn it on, flip a switch. There's no complicated series of power-up procedures necessary to put it to work. To program it, use the Program Generator. This revolutionary aid was developed by Qantel to make the computer help program itself, which substantially shortens programming time at a considerable savings in cost. To operate the System 210, use existing personnel. Qantel teamed a high-level, English-based programming language called QICBASIC with an easy-to-use operating system called BEST to enable people with little or no training to efficiently operate this computer. To access your system's data files, use Qantel's Report Generator. This invaluable programming aid permits management-level executives to *personally* generate required reports from data stored in the 210.

One final word about efficiency. To relieve your processing burden, Qantel designed the System 210 to operate in a "Foreground/Background" mode. Simply translated, this means that your system will perform more than one job *simultaneously*. For example, your operator can be entering customer orders while the printer is generating a report!

PLUG-IN, PLAIN ENGLISH PROGRAMMING

To further reduce programming costs, Qantel developed a series of off-the-shelf software packages for automating a full complement of sales analysis, inventory, and business accounting procedures. Aptly called SOLUTIONS, these plug-in, plain English programs can save your company thousands of dollars in program development costs.

EXTRA ADDED ATTRACTIONS

Power—As the specs on the facing page will attest, the System 210 is a powerhouse. There's enough raw computing power in this 60-pound workhorse to automate a boatload of business procedures, including order entry, sales analysis, inventory management, purchase orders, accounts receivable, accounts payable, invoicing, general ledger and payroll. Fact is, the disc storage capacity and user-dedicated memory incorporated into the 210 combine to produce one of the most cost/efficient systems on the market!

Technology—Without getting too complex, it's important to note that the 210 incorporates an impressive array of state-of-the-art systems technology. One example is the use of a separate microprocessor in each of the input/output devices. In effect, these microprocessors serve as mini-computers to relieve the main computer of much of the processing burden, thereby freeing it for other jobs.

Communications—The input and retrieval of computer information from remote locations is commonly referred to as data communications. To accommodate this important capacity, Qantel saw fit to endow the 210 with full communications capabilities. For simple transmittal requirements, the flexible diskettes used for data storage can easily be sent through the mail, thereby providing access to your company's files to any location you choose. For more sophisticated data requirements, the Qantel System 210 is fully capable of supporting asynchronous or synchronous communications, and can serve as a stand-alone host or satellite processor in a distributed computing network.

A CAPSULE HISTORY OF QANTEL

In 1969, Qantel Corporation began operations as a manufacturer of business computers. Two commitments were set forth. First, Qantel would concentrate its entire corporate energy on the research, design, development, manufacture, marketing and service of computerized business systems for small to medium sized companies. And second, all Qantel programming would be specifically designed for the needs of the first-time user.

In fulfilling these commitments, Qantel virtually rewrote the book of business computer technology. The key was in simplification, and no technological possibility was ignored in the search for workable solutions. In 1973, Qantel introduced a complete line of modular computer hardware and fully compatible software to the entire business community. The rest, as they say, is history. For Qantel systems have since proven themselves in installations worldwide, and established Qantel as a recognized leader in innovative computer technology.

BASIC HARDWARE

The entire Qantel System 210 is fully self-contained within two beautifully sculptured components (Fig. A). The display component can be rotated on a vertical and/or horizontal axis, and the separate keyboard can be positioned for optimum operator convenience. The basic configuration includes:

- a standard central processing unit, specially designed to support business data processing functions.
- 16,384 (16K) characters of "user dedicated" main memory, along with "system dedicated" main memory for a sophisticated resident operating system.
- a full-size, 27 lines x 64 character video display for interactive data entry, inquiry, programming, and system control.

- a full-size, typewriter compatible keyboard with an additional 10 key numeric pad.
- a random access, high speed, flexible dual disc drive featuring a storage capacity of either 1.3 million alpha-numeric characters or 2.6 million numeric characters.
- built-in expansion space to accommodate expanded communications, memory and storage capacities, along with additional plug-in input/output devices.

EXPANSION POTENTIAL

Within the basic configuration, the System 210 can easily be expanded to include:

- a total of 32,768 (32K) characters of "user dedicated" main memory, along with "system dedicated" main memory for a sophisticated resident

operating system.

- an additional 1.3 million alpha-numeric (or 2.6 million numeric) characters of storage, bringing the total built-in flexible disc storage capacity to 2.6 million alpha-numeric characters or 5.2 million numeric characters.
- an additional stand-alone flexible dual disc drive (Fig. B), with a storage capacity of 2.6 million alpha-numeric or 5.2 million numeric characters of data.
- any one of three hard copy printers, including a 45 character-per-second impact printer (Fig. C), a 120 character-per-second bi-directional matrix printer (Fig. D), and a 300 line-per-minute printer (Fig. E).
- asynchronous or synchronous data communications.



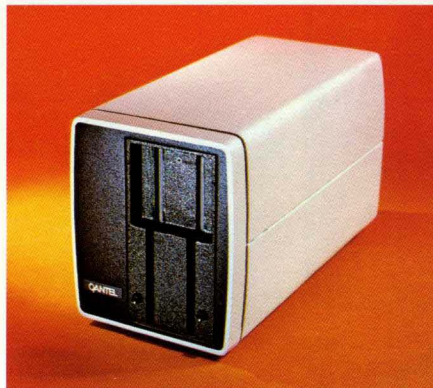
A.



B.



C.



D.
E.

QANTEL

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DISTRIBUTED BY

June 30, 1978

Business Computer Systems

Thank you for your recent inquiry about Qantel and our System 210.

To give you all the details of the System 210 and the rest of our product line, we have enclosed these full-color brochures.

Recognizing the need for an economical system that brings all of the advantages of business automation to even the smallest business, Qantel Corporation has developed the System 210. This desktop-sized system offers FULL computing power --- complete with software --- at a price never before possible.

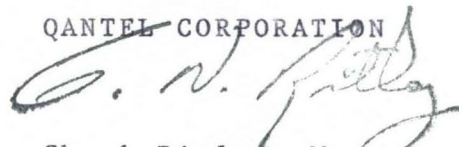
Our distributor in your area will be contacting you soon to answer any other questions you may have. He is:

Robert A. Davis
N. CALIF. BUS. COMPUTERS, INC.
1710 Amphlett Blvd. #112
San Mateo, CA 94402
415-349-8400

Again, thank you for your interest in Qantel.

Sincerely,

QANTEL CORPORATION



Chuck Ritley, Manager
Advertising & Communications

CR:mp
Enclosures