



UNIVAC

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NEWS RELEASE

General Press Release

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UNIVAC ANNOUNCES A NEW GENERAL PURPOSE COMPUTER FOR MAJOR BUSINESS AND SCIENTIFIC APPLICATIONS

NEW YORK, N. Y., July 24, 1964. . . .The UNIVAC 1108 Data Processing System, a new general purpose computer that brings an unprecedented measure of processing speed to business, engineering and scientific problems, was announced here today by the Univac Division of Sperry Rand Corporation.

The Univac 1108 is more than five times faster than its predecessor, the Univac 1107 Thin-Film Memory Computer.

The control memory of the new Univac 1108 is composed of integrated circuits. An integrated circuit is a tiny piece of specially-modified silicon crystal that completely duplicates all the functions performed by a conventional electronic circuit using many diodes, transistors, resistors and capacitors.

(MORE)

In announcing the new system, R. W. Retterer, Senior Vice President, Marketing, of Univac declared: "Full real-time capabilities, complete programming compatibility with the Univac 1107 and the capacity to grow as increased power is needed, make the Univac 1108 the most economical and effective single system for handling the broad range of computing and data processing problems which confront business and industry today."

An unusually large library of computer programs, ready for immediate use, will be delivered with the first production models of the Univac 1108. All programs that were previously developed for the Univac 1107, including the powerful compilers of the FORTRAN IV and COBOL systems will be supplied with the new Univac 1108. These programs can be run on the 1108 without modification and without the use of translation or interpretation routines.

The internal magnetic core memory of the 1108 will be supplied in modules ranging in capacity from 32,768 words to 131,072 words. Memory cycle time of the core memory is 750 nanoseconds (billionths of a second).

Initial production models of the Univac 1108 are scheduled for delivery in July, 1965.

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