

## **Burroughs B 5900 Product Enhancement**

On September 27, 1982, Burroughs Corporation announced the Model B 5920, an entry-level system that is the newest member of its B 5900 family of medium- to large-scale computer lines. As part of the announcement package, Burroughs is offering an expanded line of conversion aids to assist users of competitive systems from Honeywell, IBM, and Sperry Univac in changing to the Burroughs B 5900, B 6900, and B 7800 computer families.

According to Burroughs, the most significant features of the new B 5920 are its reduced physical size and environmental requirements that have been achieved while delivering higher performance at lower operating costs.

The B 5920 surpasses the older B 5930 model, which was introduced in September 1980, in its minimum main memory capacity of 3.1 megabytes, expandable to 6.2 megabytes. The older B 5930 offers a minimum main memory capacity of 1.5 megabytes, expandable to 6.2 megabytes. The new model B 5920 also represents the firm's first use of 64K-bit memory chips, as opposed to the 16K-bit chips of the Model B 5930.

A compact system, the B 5920 requires 69 percent less floor space than the B 5930. Its processor, memory, and Input/Output subsystem are housed in a cabinet 44 inches high, 45 inches wide, and 29 inches deep. Included in the cabinet is an independent front-end processor that manages data communications networks. Basic pricing for the new Model 5920 starts in the \$180,000 range while basic pricing for the Model 5930 begins at \$210,000.

Highlights of the new computer include enhanced central processor architecture and an advanced microprocessor-based input/output and data communication subsystem. Like its predecessor, the Model 5930, the 5920 can function as a standalone system for central host data processing or as a remote system in a distributed processing network.

To simplify the upgrading of computer systems, Burroughs has ensured that all application, data base, and system software can run without modifications on either a single processor B 5920 or a multi-processor B 7800. No conversion is required to implement upgrading to a B 6000 or B 7000 system. A single processor B 5920 can be field upgraded to a four processor B 5900 computer system that provides as much as 15.5 megabytes of main memory. The Models B 5920 and B 5930 can be intermixed on the same system.

Application software systems designed for use on Burroughs larger systems, such as industry solutions for manufacturing, distribution, government, education, and health-care environments, can be used on the new system.

A Burroughs spokesman stated that "with the announcement of the B 5920, the customer's investment in the last conversion is smaller than ever."

Customer deliveries of the B 5920 will begin in the fourth quarter of 1982.□