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FROM: Jerry Peterson

DATE: 8-7-68

TO: BOB BOND - 8U

SUBJECT: 2116B Introduction

Here is the new 2116B data sheet and a copy of the press release being sent to the major trade magazines.

DATAMATION has been given the "scoop" on the introduction, so be sure to watch for the August issue where the 2116B will be announced in the "LOOK AHEAD" column. As soon as the August DATAMATION is published, the press release will be sent to the other computer magazines.

The new data sheet follows the 2114/2115 format, but it stresses the power of the "B", its multiprogramming capability with the Real Time Executive, and its use in the 2000A Time Sharing System.

Sales of the 2116B are very encouraging with over 30 sold as of August 1st. Keep up the good work and we'll see even more sales from the interest generated by this publicity.

Jerry

JP/hb

Encs.

HEWLETT-PACKARD DOUBLES MEMORY OF 2116A

The new "B" version of Hewlett-Packard's Model 2116A Digital Computer will have twice the internal memory capacity of its predecessor. Its basic configuration will have 8k memory and sell for $24,000, only $2,000 more than the 4k 2116A. On top of that, the 16k version costs $34,000, about the lowest price there is for a 16-bit machine with 16k memory. More words per dollar result from cost reduction of new Ampex core stacks and new electronics using anti-coincidence addressing. Memory can be expanded to 32k with an optional extender.

Except for memory configurations, the 2116B is identical to the 2116A and uses all of the well-proven software developed for the A version, including an Assembler, FORTRAN and ALGOL compilers, and Conversational BASIC. The Main frame has 16 pre-wired slots for peripheral interface cards. CPU options like direct memory access, hardware multiply divide, parity check, and memory protect also plug into their own slots. The 2116B uses a 16-bit word, has two addressable accumulators, 1.6 μs cycle time, and 3.2 μs add time. A multi-level priority interrupt system is standard. A 16k 2116B is part of HP's 2000A 16-terminal time-shared BASIC system. HP promises 16-week delivery on the 2116B now, but expects this to drop when the machine goes into production this month (August).