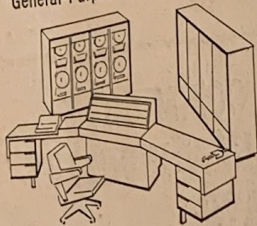


Now, a startling new concept in computer pricing!

This is Control Data Corporation's new Model 1604 Solid-State General-Purpose Digital Computer



Facts for management

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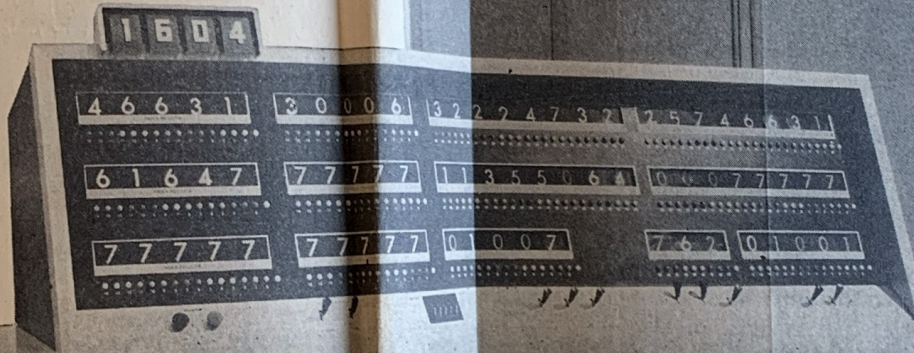
The exciting 1604 Computer, employing the very latest advances in computer design, has been created by the country's most experienced computer engineers . . . to give you the accuracy and reliability that count when performing your large-volume data processing and solving your large-scale scientific problems.

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CONTROL DATA CORPORATION

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Facts for the technical staff

HIGH CAPACITY INPUT-OUTPUT (standard equipment): 3 buffer input and 3 buffer output channels. 1 high-speed 48-bit input transfer channel. 1 high-speed 48-bit output transfer channel. As fast as 4.8 μ s average per 48-bit word.

SOLID-STATE CONSTRUCTION: Diode Logic. Transistor Amplifiers. Magnetic Core Storage.

MAGNETIC CORE STORAGE: 32,768 48-bit words. Store data or 2 instructions at any address. 2.2 μ s read access time. 6.4 μ s cycle time. 4.8 μ s effective cycle time.

VERSATILE INSTRUCTION LIST: 62 main instructions expand into many sub-instructions. Provides for: Floating Point. Multiple Precision. Masking. Program Interrupt. Indirect Addressing. Buffered Input-Output. Breakpoint.

OPERATING MODE: Parallel-Binary. Programmable to alpha-numeric, binary-coded decimal.

TYPE OF LOGIC: Single Address, 2 instructions per word.

REAL-TIME CLOCK: For on-line applications.

PROGRAM INTERRUPT: For input-output equipment and fault indications.

INDIRECT ADDRESSING: Provides advanced data processing ability.

COMPATIBILITY: With majority of other manufacturers' peripheral equipment.

MODEL 1607 MAGNETIC TAPE SYSTEM: Four 30KC tape handlers per system. 48-bit assembly-disassembly registers. Simultaneous read-write. Parity check. Binary and Alpha-numeric recording. 4 to 24 tape handlers per Model 1604.

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