Communications terminal is self-contained data center

Remcom Systems Inc., 2705 National Drive, Garland, Tex. Phone: (214) 328-9991. P&A: from $18,-500; January, 1970.

Packaged in a single cabinet, a new medium-speed data communications terminal is a self-contained free-standing unit that consists of a line printer, a card reader, a communications line interface and control electronics. Available communication interfaces allow the 2780 to operate at switched line rates up to 2000 bits per second, and private or leased line rates as fast as 9600 bits per second.

The 2780 can satisfy the requirements of a broad range of applications, including remote batch and remote job entry operations. It also can handle many special needs requiring transmission over common carrier or private communications lines.

Further broadening the terminal's versatility is a large selection of options like multi-point (polled) line control and double buffers.
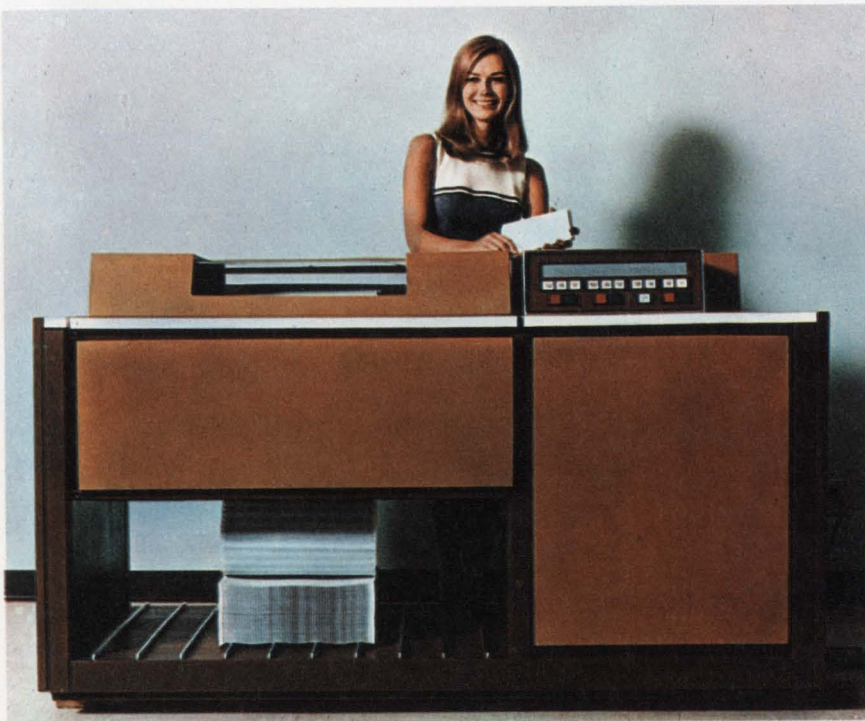
Many options are available as field modifications. Peripheral subsystems include card punches, and paper-tape punches and readers.

The new terminal offers a range of transmission block sizes. These are determined by the capacity of the line buffer. Five line buffer capacities are available in two configurations for 200, 300, 400, 500 or 600 bytes.
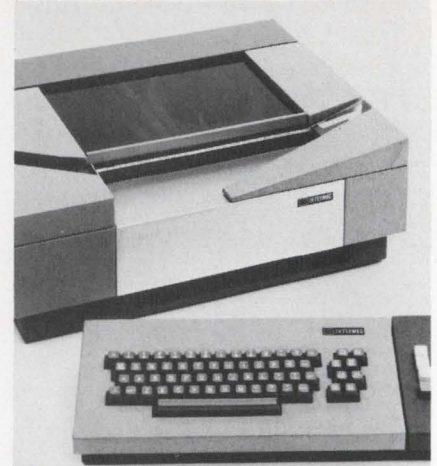
The double-buffer option permits alternate use of two buffers for sequential transmission blocks. While one buffer is being loaded, the other is being unloaded.

Message formats, code structures and control sequences used by the 2780 are specified in accordance with Binary Synchronous Communication (BSC) conventions. This means that the new terminal can maintain compatibility with a large number of existing operating systems and terminals.

Three printer models are available with print rates of 150, 300, or 600 lines per minute.

Booth No. 5301   Circle No. 355

Record/retrieve system codes for man/machine

Interface Mechanisms, Inc., 5503 232nd St. S.W., Mountlake Terrace, Wash. Phone: (206) 774-4156. Price: from $20/month.

Dual Image is a modular data recording and retrieval system that provides both a human-readable character and a machine-readable code on a single paper tape. This new concept in man/machine readable media is especially suited for remote data entry since information can be entered at typing speeds via the keyboard, or from digital devices at rates up to 75 Hz.

Booth No. 1042   Circle No. 279

Solid-state keyboard transduces contacts

TEC, Inc., 6700 S. Washington Ave., Eden Prairie, Minn. Phone: (612) 941-1100. P&A: $100 typical; fourth quarter, 1969.

Using a unique transducer with a power requirement of only 8 mW, a new solid-state contactless keyboard converts key depressions into encoded DTL/TTL-compatible data outputs. The data output is an eight-bit binary number (including optional parity) per the ASCII code, or any other code. Speeds are as fast as 50 characters per second.

Booth No. 1503   Circle No. 266