

SOFTWARE DATA SHEET

The Wang Burroughs Emulation software, in conjunction with an appropriate Wang communications controller, allows a 2200 Series system to emulate the Burroughs TC and TD series terminals, and to establish and maintain the Burroughs Poll/Select protocol. The emulation software supports keyboard entry, recall and editing of messages, and transmission of data to a Burroughs host system. Received data and messages can be either displayed on the terminal screen or directed to a printer. User-developed input/output modules may be linked to the emulation software to support disk operations, display formatting, printer formatting, and other I/O tasks.

The emulation software supports four Burroughs communications features: Poll, Select, Fast Select, and Broadcast Select. Common carrier switched or leased lines may be used for point-to-point communications. Common carrier leased lines or private facilities may be used for multipoint communications. Either asynchronous or synchronous communications modes are supported.

The user configures the Burroughs Emulation system by specifying the terminal address, the initial message number, and the transmission speed. In accordance with the Burroughs protocol, the host system is the master station and the terminals are slave or subordinate stations. Each terminal in a network is identified by a 2-character address. The terminals, whether on a point-to-point or a multipoint line, are under full control of the host system.

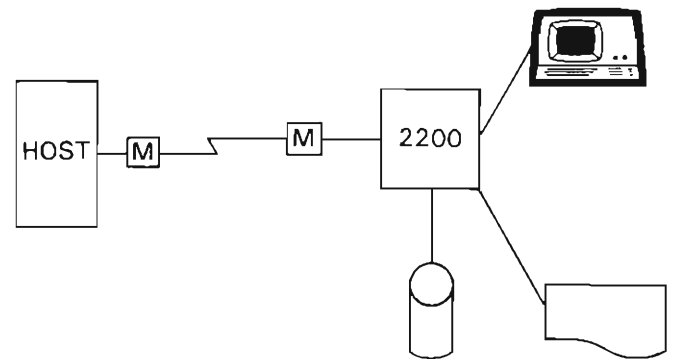
SYSTEM REQUIREMENTS

Central Processor	Communications Controller
2200VP, MVP, or LVP 2200SVP	2228B or 2228C Option 28B or 28C

2200

BURROUGHS EMULATION

- Communicates with a host system supporting the Burroughs Poll/Select protocol
- Point-to-point or multipoint data links
- Asynchronous or synchronous transmission
- Interactive or batch applications
- Variable record lengths up to 2,000 characters
- Line speeds up to 7200 bps



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PRODUCT CHARACTERISTICS

Package Number

195-0047-3 (single-sided single-density diskette)

195-0047-5 (double-sided dual-density diskette)

Line Discipline

Asynchronous or synchronous point-to-point operation on a switched or leased line, or multipoint operation on a leased line

Line Speeds

Asynchronous — 300, 1200, or 1800 bps

Synchronous — 2000, 2400, 4800, or 7200 bps

Disk File Format

Wang's TC file format supporting variable length records is used for disk/diskette transmission or reception.

Modem Selection

A Wang controller is a DTE interface, compatible with any RS-232-C/CCITT V.24 DCE interface. Modems at both ends of the communications link must be compatible with each other.

For communications up to 50 feet (15.2 meters) over RS-232-C/CCITT V.24 compatible cables, a Wang 2228N Null Modem may be used.

Code Translation

None required; ASCII code supported

Memory

16K

Error Detection

Even parity checking for asynchronous transmission; odd parity checking for synchronous transmission. A Block Check Character (BCC) is sent with all data messages.

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