

SOFTWARE DATA SHEET

The Wang 2741 Emulation software, in conjunction with an appropriate Wang communications controller, allows a 2200 Series system to emulate a 2741 Selectric® Typewriter Terminal. The 2741 Emulation activates the keyboard and numeric pad of a 2200 Series CRT-based terminal for on-line interactive transmission.

Data keyed to disk or diskette storage in an off-line operation can be transmitted in a limited batch mode, thereby reducing telephone and computer connection charges. Also, lengthy reports may be received to disk or diskette for subsequent printing off-line when convenient. Special function keys can be used to initiate disk/diskette transmission or reception, or optional reception to a printer.

The 2741 Emulation supports line speeds up to 1200 bits per second (bps) over dial-up or leased lines. The software supports line speeds up to 7200 bps, using a Wang null modem for connection, over RS-232-C/CCITT V.24 compatible cables not exceeding 50 feet (15.2 meters). The software supports Correspondence, Binary Coded Decimal (BCD), and EBCDIC codes, providing easy integration with existing 2741 communications systems.

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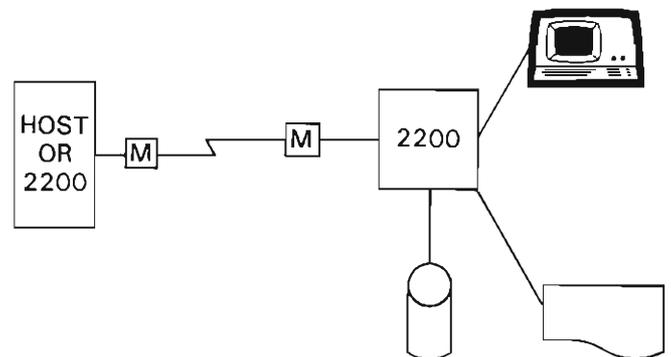
SYSTEM REQUIREMENTS

Central Processor	Communications Controller
2200VP, MVP, or LVP	2227B, 2228B, or 2228C
2200SVP	Option 27B, 28B, or 28C

2200

2741 EMULATION

- **Communicates with:**
 - A host system supporting 2741 protocol
 - A 2741-like terminal
 - Another Wang 2200 Series system with 2741 emulation
- **Selectable host or terminal mode**
- **Character set selection: Correspondence, EBCDIC, or BCD**
- **Line speed selection: 134.5, 300, 1200, or 7200 bps**
- **Transmission from keyboard, disk, or diskette**
- **Reception to CRT, printer, disk, or diskette**



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PRODUCT CHARACTERISTICS

Package Number

195-2056-3 (single-sided single-density diskette)

195-2056-5 (double-sided dual-density diskette)

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 2227N or 2228N Null Modem may be used.

Line Discipline

Asynchronous point-to-point operation on a switched or leased line (full- or half-duplex)

Line Speeds

Up to 7200 bps (1200 bps maximum for disk/diskette operations)

Memory

16K for standard operations (only 8K without disk file search and recovery)

Error Detection

Odd parity checking with special character replacement for parity and framing errors

Disk File Format

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

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