

DEC WANcontroller 220 (DSB32)

VAXBI Synchronous Communications Controller

digital™



Expand your VAXBI Synchronous Communications

The DEC WANcontroller 220 (DSB32) is a two-line synchronous communications controller designed specifically for Digital's VAXBI systems. It provides direct connection to VAXBI environments for public data networks, private corporate networks, and local hard-wired links, insuring optimum performance and reliability.

Computer-to-computer communications or computer-to-network communications are facilitated with the DSB32. Communications can be established with X.25, DECnet, and IBM networks by using Digital standard layered software.

The DSB32 provides up to two lines for VAXBI communications access. Since these lines are independently controlled, different protocols can run simultaneously on each of the two lines.

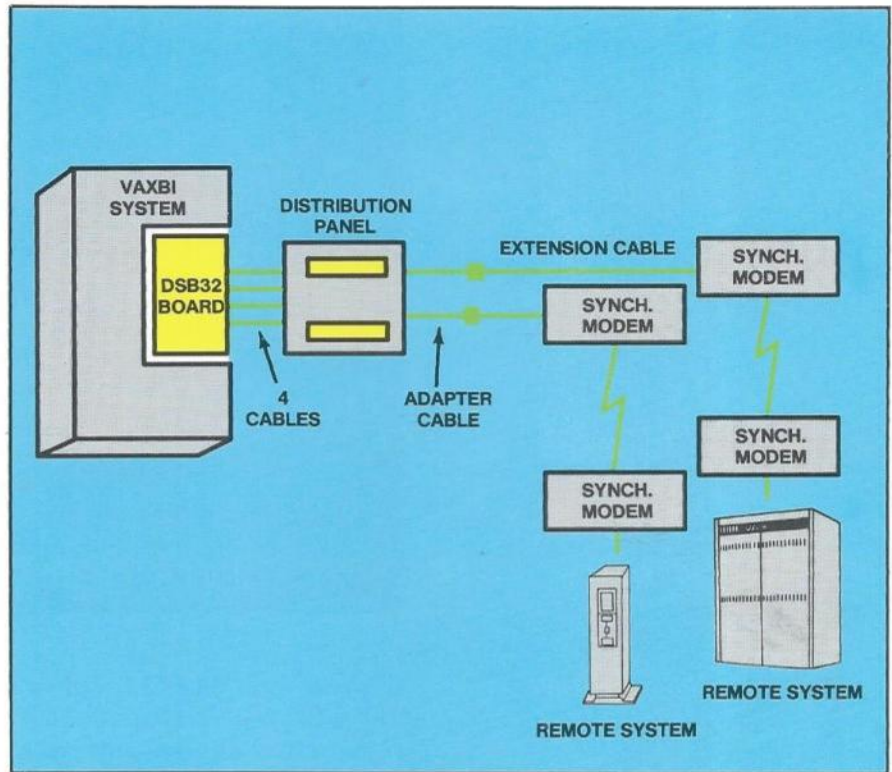
The DSB32 consists of a module and a cabinet kit. The module contains a 32-bit communications microprocessor with the power of VAX architecture. The cabinet kit includes a distribution panel with two 50-pin line connectors and four ribbon cables to interconnect the module and panel. Adapter cables connect the panel's line interfaces and provide compatibility with the desired interface standard. Extension cables connect the adapter cables to the transmission interfaces, e.g. modems. Adapter and extension cables must be ordered separately.

Highlights

- 1 or 2 synchronous data channels allowing concurrent communications using different protocols.
- 32-bit microprocessor providing the power of VAX architecture.
- SDLC, HDLC, and DDCMP protocols supported.
- Direct Memory Access (DMA) or single-character programmed transfers to and from host memory.
- Full duplex operation with full modem control.
- Up to 64K bps operation on each of two lines simultaneously. HDLC/SDLC single-line operation up to 192K bps. DDCMP single-line operation up to 64K bps.
- Supported by VAX/VMS Operating System, Version 5.0 or higher.

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Specifications

Interface Standard Compatibility:

With appropriate adapter cables, synchronous lines are compliant with EIA-232-D; EIA-422-A, EIA-423-A, EIA-449; CCITT: X.26, X.27; V.10, V.11, ISO 4902; V.24, V.28, ISO 2110; V.35, ISO 2593; V.36.

Power Requirements:

+ 5 Vdc ±5%	at 4.5 A
+12 Vdc ±5%	at .08 A
-12 Vdc ±5%	at .08 A

For more information about the VAXBI systems and their peripheral controllers, contact your local Digital sales office, or call 800-832-6277. In New Hampshire, call 603-884-8990.