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SCSI488/D™

SCSI/IEEE 488 Controller for DEC Workstations

Features

Alpha support
No slots required



SCSI488/D is the de facto standard for IEEE 488 on DEC workstations

- **The de facto standard IEEE 488 controller for DEC workstations**
- **Control IEEE 488 instruments from the external SCSI port on the DEC VAXstation 4000, VAXstation 3100, MicroVAX 3100, DECstation 5000, DECstation 3100, AlphaServer 1000, AlphaServer 2000, & AlphaStation 3000**
- **Saves valuable Turbo Channel expansion slots**
- **Includes Driver488/D command language interpreter with high-level HP-style IEEE 488 commands for VMS & OpenVMS**
- **Includes DEC's IEZ-11 device driver for VMS & IOtech's IEZ-11 compatible device driver for OpenVMS**
- **Transfers data at up to 1 Mbyte/s**
- **Build a complete data acquisition system using IOtech Data Acquisition Instruments**

The SCSI488/D connects to VAXstations, DECstations, and Alphas via the external SCSI port, allowing high-performance IEEE 488 control without requiring a Turbo Channel or EISA expansion slot. Thus, SCSI488/D is truly portable across the diverse DEC product line. The SCSI488/D is the same product offered by Digital Equipment Corporation.

SCSI488/D includes Driver488/D, a command language interpreter that provides an easy-to-use high-level command language with extensive error, SRQ, and exception handling capabilities. The bus is controlled by easy-to-use HP-style IEEE commands familiar to instrument users. The IEZ-11 device driver for VMS and OpenVMS is also included, providing compatibility with existing IEEE applications written for QBus cards.

Specifications

IEEE 488 Interface

IEEE 488 Implementation: SH1, AH1, T6, TE0, L4, LE0, SR1, PP0, DC1, RL0, & E1
Controller Subsets: C1, C2, C3, C4, & C10
Connector: Standard IEEE 488 connector with metric studs

SCSI Interface

SCSI Implementation: Asynchronous data transfers, parity generation & checking, processor device, compliant with X3.1311986
Termination: Built-in; removable for chaining on the SCSI bus
Drivers/Receivers: Single-ended
Connectors: Two 50 pin shielded, ribbon contact (alternative 2 in X3.311986)

System Requirements

Computer: DEC VAXstation 4000, VAXstation 3100, MicroVAX 3100, DECstation 5000, DECstation 3100, AlphaServer 1000, AlphaServer 2000, or AlphaStation 3000
Operating System: VMS for VAX, OpenVMS for Alpha systems; requires Real-Time Integrator software from DEC for use on Ultrix-based DECstations

General

Agency Approval: UL, CSA, FCC Class B
Dimensions: 425 mm wide x 203 mm deep x 45 mm high (16.75" x 8" x 1.75")
Weight: 4.5 kg (10 lbs)
Power: 100 to 125V, 60 Hz; or 210 to 250V; 50 Hz; 10 VA max

Ordering Information

Description	Part No.
SCSI/IEEE controller with IEZ-11 & Driver488/D software on 3.5" disks for the VMS and OpenVMS operating systems (includes drivers for VAX & Alpha systems)	SCSI488/D
SCSI/IEEE controller with IEZ-11 & Driver488/D software on tape (TK50 for VAX, 4 mm for Alpha) for VMS & OpenVMS operating systems (includes drivers for VAX & Alpha systems)	SCSI488/D/T
VAX/VMS to Alpha/OpenVMS software upgrade, includes IEZ-11 & Driver488/D compatible software on 3.5" disk & 4 mm tape (for VAX/VMS users upgrading to Alpha/OpenVMS systems)	SCSI488/D/UPG
VAXstation 4000 SCSI cable	CA-34
Micro D68-pin to SCSI488/D SCSI cable	CA-48
Micro D50-pin to SCSI488/D SCSI cable	CA-50
External SCSI terminator	CN-49
Shielded IEEE 488 cable, 6 ft	CA-7-3

(Refer to Accessories for more information.)

SCSI488/S™ 

Alpha488™

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