
C-SCPI [Compiled SCPI] Development/ License-to-Run for HP Series 700 and HP-UX 9.x or 10.x HP E1572B/E1582B

Technical Specifications

- C-SCPI for high throughput
- SCPI programming of register-based instruments
- HP-UX 9.x/10.01 (VXI or standalone) workstations
- Moving to *VXIplug&play* technology, support continues



Description

Compiled SCPI is a performance enhancing programming tool used with VXI systems employing register-based modules. C-SCPI is based on the industry-standard SCPI (Standard Commands for Programmable Instruments). With C-SCPI, programs are written in C using the instruments' SCPI command set. The C program is then run through a preprocessor, an ANSI C compiler, that converts the high-level SCPI commands to the appropriate low-level binary commands. The ease of use of SCPI programming and the speed of register-based modules are both maintained.

The HP E1572B Compiled SCPI program is supported on Series 700 standalone and VXI embedded workstations. HP-UX 9.x or 10.01 is supported on both workstation configurations. Also supported are the HP E1489D EISA/ISA-to-MXIbus interface, and the HP B2354A ANSI C Developer Bundle.

The HP E1582B is the license-to-run version of the HP E1572B. Its purchase requires the previous purchase of the HP E1572B.

With HP's adoption of the *VXIplug&play* Systems Alliance driver technology, C-SCPI will be supported only on VXI modules introduced before 1996.

C-SCPI

Operating System	Controller	Product
HP-UX	HP Series 700	E1572B/E1582B

I-SCPI

Operating System	Controller	Product
HP-UX	HP V743 HP Series 700 / MXI	Comes with MXI interface or V743 purchase

Migration to VXIplug&play Drivers

With the development of *VXIplug&play* standards, HP has moved from C-SCPI technology to *VXIplug&play*. HP encourages you to move to this new technology. Because it may be inconvenient to make this move in the short term, HP has added HP-UX 10.01 support for existing C-SCPI software.

Ordering Information

Description	Product No.
C-SCPI (Compiled SCPI) Development for HP Series 700	
700 and HP 9.x or 10.x	
Update Service for C-SCPI on DDS Tape	HP E1572B UAH
Delete manual set	HP E1572B 0B0
Current revision	HP E1572B AGE
License-to-Run for HP Series 700 and HP 9.x or 10.x	

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