
Keysight EasyEXPERT+ Software for PC

Installation Instructions

This document provides installation instructions for the EasyEXPERT+ software.

More details about this product are available at: [B1500 Driver, Firmware and Software | Keysight](#)

Notices

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Manual Part Number

B1500-90942

Edition

About this document

This document contains the following:

- System Requirements

System Requirements

The following are the minimum requirements for running EasyEXPERT group+ software on an external PC.

- Display: XGA 1024x768 (SXGA 1280x1024 recommended)
- Hard disk drive: 1 GB free space on the C drive (30 GB or more recommended for test setup/result data storage)
- GPIB interface (Online mode):
 - Keysight 82350B/C, 82351B PCI type GPIB interface; highly recommended
 - Keysight 82357A/B USB type GPIB interface
 - National Instruments GPIB-USB-HS

NOTE: A USB GPIB interface might cause a serial poll error. Refer to the datasheet for details.

- Operating system:
 - Windows 10 Pro (32-bit/64-bit)
 - Processor requirement: Windows 10-certified PC
 - Memory: 2 GB
 - Windows 11 Pro (32-bit/64-bit)
 - Processor requirement: Windows 11-certified PC
 - Memory: 2 GB
 - Language:
 - English (US) or Japanese
- Software:
 - Microsoft .NET Framework 3.5 Service Pack 1
 - Keysight IO Libraries Suite revision requirement (for Online mode)
 - IO Libraries Suite 17.1 update 1 or later

NOTE: IO Libraries Suite 17.1 update 1 or later is required for Windows 10 and Windows 11.

NOTE: If any required software is missing, it must be installed in the order listed above (install the missing item first, then install the subsequent items).

For Windows 10 and Windows 11, an Internet connection is required to enable .NET Framework 3.5 because it is disabled by default. Refer to the instructions on the download website.

The IO Libraries Suite is available for download from Keysight.com.

The other required software is stored in the "Prerequisites" folder.

EasyEXPERT for PC does not support IO Libraries version 14.2 or earlier.

Enabling Microsoft .NET Framework 3.5

NOTE: .NET Framework 3.5 is disabled by default on Windows 10 and Windows 11. Enable it before installation.

NOTE: Enable .NET Framework 3.5 from the Windows Control Panel. An Internet connection is required.

Steps to Enable .NET Framework 3.5:

1. Press the Windows key on your keyboard, type "Windows Features", and press Enter. The Turn Windows features on or off dialog box appears.
2. Select the .NET Framework 3.5 (includes .NET 2.0 and 3.0) check box, select OK, and reboot your computer if prompted.

NOTE: You don't need to select the child items for the following.

- Windows Communication Foundation (WCF) HTTP Activation
- Windows Communication Foundation (WCF) Non-HTTP Activation

Installation Instructions

Follow the steps below to install EasyEXPERT group+ on your computer.

1. Insert the EasyEXPERT group+ software CD-ROM into the CD-ROM drive, or copy the downloaded files to your PC.
2. Double-click the EasyEXPERT executable file.
3. Follow the instructions in the setup wizard.
4. Wait for the installation to complete.

5. Launch EasyEXPERT by selecting "Start EasyEXPERT" from the Start menu, or by double-clicking the Start EasyEXPERT icon on the desktop. Confirm that the Start EasyEXPERT window and the Execution Mode dialog box are displayed.
6. In the dialog box, set the execution mode to Online or Offline.
7. If you select Online mode, configure the GPIB interface on your computer and set the GPIB address for the B150xA or E526x/E527x/B2900 connected to your computer via GPIB.

NOTE:

To optimize the appearance of the EasyEXPERT window, set Font size to "Normal" on the Appearance tab in Display Properties. To open Display Properties, open Control Panel, then select "Display".

Confirm that the connected instrument and its firmware meet the following requirements.

- B150xA
 - A.04.00 or later
- E5260A/E5262A/E5263A/E5270B
 - B.01.10 or later
- B2900A/B Series
 - 1.0 or later

Before Starting EasyEXPERT+ for PC

Before starting EasyEXPERT for PC, follow the instructions below.

- When using Offline mode, use the data import/export function to transfer your test setup data files and test result records.
- When using Online mode with B150xA, exit EasyEXPERT on the B150xA. Keep the Start EasyEXPERT window (button) displayed or minimized to the Windows task bar on the B150xA screen.
- Do not send a control command to B150xA or B2900/E5260/E5270 by using the GPIB IO statement in a test definition of EasyEXPERT.