

Agilent x1149 Boundary Scan Analyzer Installation Guide

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Agilent Technical Support

You can access support information at www.agilent.com/find/x1149. The Technical Support menu provides links to information about new features, available updates, and technical papers to help you use your Agilent x1149 Boundary Scan Analyzer more effectively.

To contact Agilent technical support, go to www.agilent.com/find/contactus for the support phone numbers.

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Agilent x1149 Hardware



Figure 1 Agilent x1149 Boundary Scan Analyzer

Item	Quantity
Agilent x1149 4-TAP Boundary Scan Controller	1
Power Adapter	1
Agilent x1149 Boundary Scan TAP/IO Ports	4
Agilent x1149 Self-Diagnostic Clip	1
LAN Cable	1
USB Cable	1
HDMI Cables	5*
20-pin Ribbon Cables	4

* An extra HDMI cable is included for use with the optional Cover Extend module.





- The controller supports up to four TAP I/O ports and an optional Cover Extend module.
- Connect the controller to the computer with the LAN cable provided. The default IP address for the controller is 192.168.1.2. Set the IP address of the computer to 192.168.1.x with subnet mask 255.255.255.0.

For information on connecting the controller to the local area network, refer to the Agilent x1149 Developer Guide.

- The Self-Diagnostic Clip plugs into the TAP I/O to verify hardware functionality when needed.
- The USB cable is used to connect to the computer for controller firmware updates only.

Installing the Agilent x1149 Software

- System Requirements
- Installing the Software
- Obtaining the License File

System Requirements

To install the Agilent x1149 software, the computer must have a DVD-ROM drive and meet the following requirements.

	Specifications			
Processor	Intel© or AMD			
Operating System	Windows© 7 Professional (32-bit or 64-bit) with Service Pack 1 or			
	Windows XP Professional (32-bit) with Service Pack 3			
	In addition, ensure that all Windows updates are installed.			
Memory	2 GB minimum			
	To determine the amount of memory, select Start > Control Panel > System *.			
Available Disk Space	10 GB minimum on the installation drive (can be any drive), plus 1 GB on C: drive.			
	To determine the available disk space, open Windows Explorer, right-click on the installation drive and select Properties .			
Display Properties	 Screen resolution: at least 1024 x 768 pixels Color quality: at least 16-bit 			
	To determine or set the display resolution, right-click an empty point on the Windows desktop and select Screen resolution .			
Language Setting	Must be English (United States).			
	(Start > Control Panel > Region and Language > Formats tab)			

 Table 1
 System requirements

* The instructions provided in this table and the rest of this guide are for Windows 7, unless otherwise stated.

Installing the Software

- **1** Insert the Agilent x1149 installation disc into the disc drive. It should auto-start.
 - If installation does not auto-start after several seconds:
 - a. Open Windows $\ensuremath{\mathsf{Explorer}}$ and browse to the disc.
 - b. Double-click setup.exe.
- **2** If the User Account Control dialog box appears, click **Yes** to allow the installation to continue.
- **3** Follow the instructions on the screen to complete the installation.

When installation is completed, install the Agilent IO Libraries Suite.

- **1** Open Windows Explorer and browse to the installation disc.
- 2 Double-click IOLibSuite_16_2_15823.exe.

Obtaining the License File

The Agilent x1149 software requires a license to run. Obtain the license file following the instructions provided when you purchased the system.

Then copy the license file to C:\Program Files\Agilent\licensing.

The Agilent License Manager will automatically generate the necessary feature licenses. You can view the license by selecting **Start > All Programs > Agilent > Agilent License Manager**.

Agilent License Manager							
File Edit View Tools Help							
⊡ Ş localhost	Host System						
E-C Local Licenses	Host Name SGPWIN7TST10						
x1149_Adv_IO_BScar	Host ID : PCSERNO, JE22468298						
- X1149_BASE_Comple	Interface Type Windows						
x1149_Boundary_Sca	Jicensed Products and Features						
×1149_RT_Features_	Product/Feature	Version	Description	Туре	Expiration		
Product N1125A-1BT	Product N1125A-1						
	×1149_Adv_IO	1.000	x1149_Adv_IO_BScan_11	Transportable	2012/12/24		
Product N1125A-1CT	×1149_BASE	1.000	x1149_BASE_Complete	Transportable	2012/12/24		
L x1149_CAD_Converte	×1149_Boundar	1.000	x1149_Boundary_Scan_11	Transportable	2012/12/24		
🖻 🕼 Product N1125A-1EP	×1149_PUPD	1.000	×1149_PUPD_Resistors	Transportable	2012/12/24		
	x1149_RT_Fea	1.000	×1149_RT_Features_r	Transportable	2012/12/24		
	Product N1125A-1						
L. 🗋 x1149 Scan Chain L	×1149_BASE	1.000	×1149_BASE_Software	Transportable	2012/12/24		
Product N1125A-1NP	Product N1125A-1						
-Dix1149 Silicon Nails (×1149_CAD_C	1.000	×1149_CAD_Converter	Transportable	2013/03/10		
E-C Product N1125A-1TP	Product N1125A-1						
V1140 External ISD	×1149_CET	1.000	×1149_CET	Transportable	2012/12/24		
Droduct Uppropriat	Product N1125A-1						
V1140 Ecreign Test	x1149_Scan_C	1.000	x1149_Scan_Chain_Linker	Transportable	2012/12/24		
The state of the s	Product N1125A-1						
	×1149_Silicon	1.000	×1149_Silicon_Nails	Transportable	2012/12/24		
	Product N1125A-1						
	×1149_External	1.000	x1149_External_ISP_Tools	Transportable	2012/12/24		
	Product Unspecified						
	×1149_Foreign	1.000	x1149_Foreign_Test_Supp	Removable	2012/04/28		
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NOTE

Be sure to keep a backup copy of the license file in a safe place.

Launching the Agilent x1149 Software

You can launch the Agilent x1149 software using its icon on the desktop or from the Start menu (Start > All Programs > Agilent x1149 > Agilent x1149).

Uninstalling the Agilent x1149 Software

- **1** Select Start > Control Panel > Programs and Features.
- 2 Double-click Agilent x1149 and click Next in the installer wizard.
- **3** Select the **Remove** option to remove the Agilent x1149 software and also the associated programs.

System Backup and Recovery

It is the responsibility of the customer to create a full backup of the files on their test systems so that the system and data can be recovered in case of a disaster such as a disk crash. It is recommended that you set up a backup schedule and procedure to create regular backups.

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