
Keysight Solid State Drive Kit

This is the User's Guide for Solid State Drive Kit.

Notices

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1 General Information

This chapter describes the Solid State Drive Kit, contents of the kit, and required tools to install the SSD spare kit.

Solid State Drive Spare Kit

The purpose of this kit is to install the SSD spare kit.

Contents of the Upgrade Kit

The kit includes the parts listed in **Table 1-1**.

Table 1-1

Contents of the Upgrade Kit

Description	Qty
Upgrade Manual (This manual)	1
Solid State Drive (SSD) Spare Kit	1

2 Option Installation

This chapter describes the procedure to install the SSD spare kit.

Introduction

This chapter describes the procedure to install the SSD spare kit. The procedure consists of the following items.

- **Installation Requirement**
- **Backing Up Option Data**
- **Removal Procedure**
- **Replacement Procedure**
- **BIOS Settings Configuration**
- **Restoring Option Data**
- **Writing System Correction Data of Backup Memory to Removable Drive**
- **Calibration of the Touch Screen**

Update Procedure for Solid State Drive

Installation Requirement

- Optional
 - Philips (Flat) screwdriver

Backing Up Option Data

Step 1. Copy “C:\Program Files\Agilent\licensing\” folder from the original SSD to USB pen drive.

NOTE

This is an optional but highly recommended step.

It enables users to have a backup copy of the licenses. Even if you lost the file(s), you can activate the option again if you have the license number.

You can re-create the license number at

<https://www.keysight.com/find/softwaremanager> with your software entitlement certificate.

NOTE

If you borrow floating licenses, you need to return them before removing SSD. Otherwise, the available count of the licenses are still consumed at a brand-new SSD.

Removal Procedure

Step 1. Turn off the power.

Step 2. With the use of Philips screw driver or user hand, turn the two screws anti-clockwise until the screws are fully released.



Step 3. Pull the housing to remove the solid-state drive.



Replacement Procedure

Step 1. Install the SSD assembly into the instrument. Ensure the SSD assembly is installed without gap.

Step 2. Hand-tighten (push and turn clock-wise direction) or fasten the two screws with Philips screw drivers.



BIOS Settings Configuration

(Only applicable to E5080B with serial prefix of MY591 or SG591. For MY592 and SG592 and above, skip this section)

E5080B was initially shipped with Windows 10 ver. 1607 on MBR. Windows 10 ver.1809 and newer version only support GPT (UEFI). MBR is no longer supported. Hence, BIOS settings update is necessary on the E5080B Motherboard BIOS (MY591, SG591 serial prefix) configured with “UEFI and Legacy” with boot priority change. This ensures both MBR and GPT formatted SSD will work with the E5080B.

Step 1. To access to the BIOS setup,

Connect an external keyboard to E5080B, power on E5080B. Press “Delete” key repeatedly until BIOS setup page is displayed.

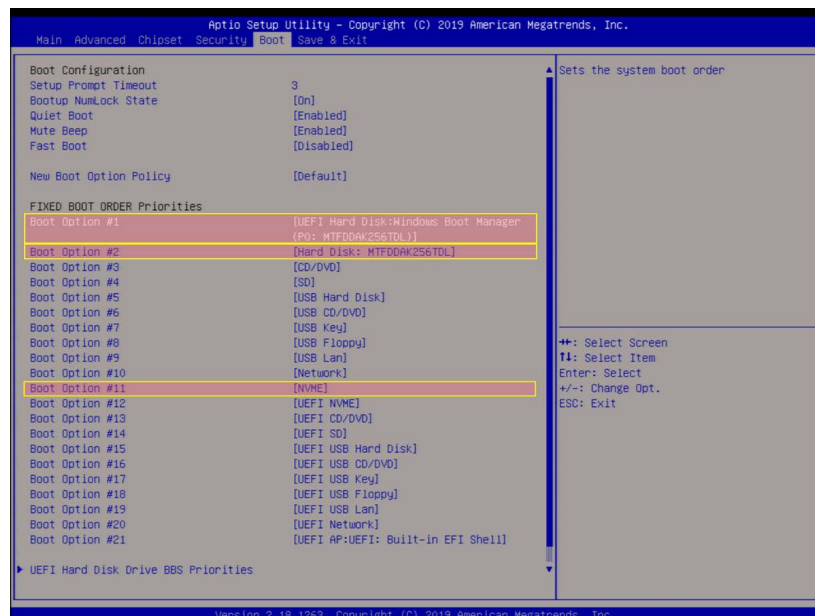
Step 2. In the BIOS setup, navigate to the following. Change the **FIXED BOOT ORDER Priorities** as shown

Boot Option #1: UEFI Hard Disk

Boot Option#2: Hard Disk

Boot Option #11: NVME

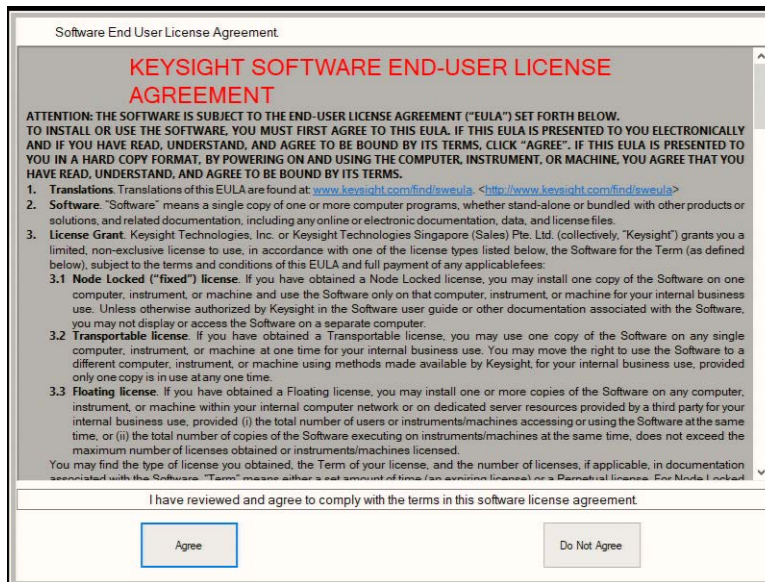
Step 3. Save the changes and restart.



Restoring Option Data

Step 1. Turn on the analyzer.

Step 2. The EULA (Software End User License Agreement) will be prompted. Press [Agree].

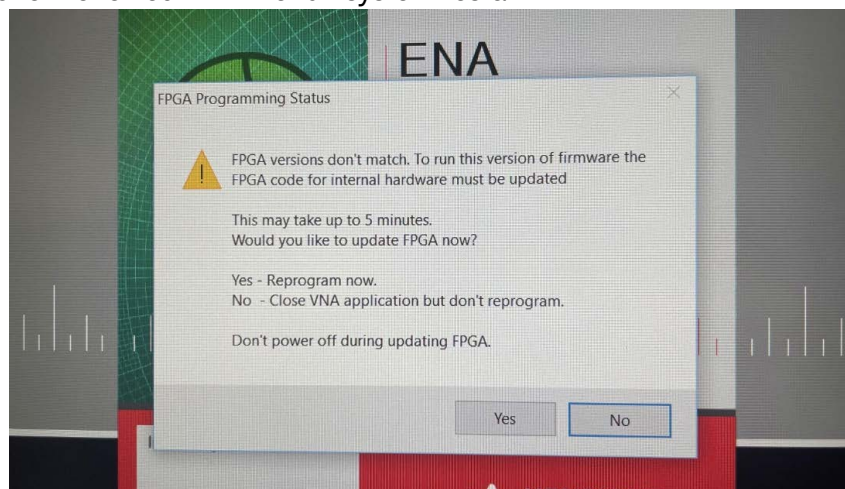


Step 3. System will proceed with accounts creation followed with and multiple reboots. Wait until the process is completed.

Step 4. No action is required from user in restoring the option data. The options will be automatically restored from backup memory in Network Analyzer to the new removable SSD in the background upon firmware start.

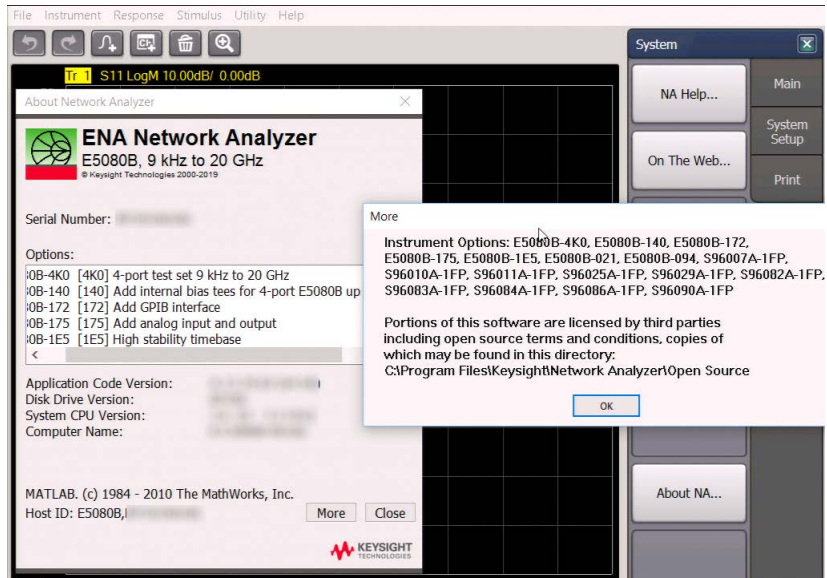
Step 5. Proceed to launch the Firmware.

The firmware will check for the FPGA version. If the following message appears, click “Yes” to proceed with the FPGA update. Refer to the on screen instruction followed with the full system restart.



Option Installation
Update Procedure for Solid State Drive

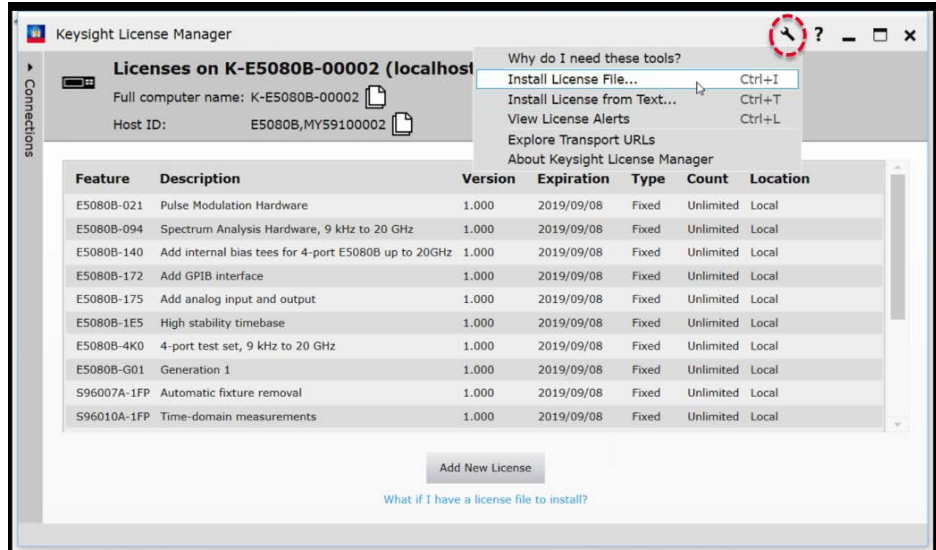
Step 6. Verify the product model number, serial number, and options are correctly listed in <System> -> Help -> About NA.



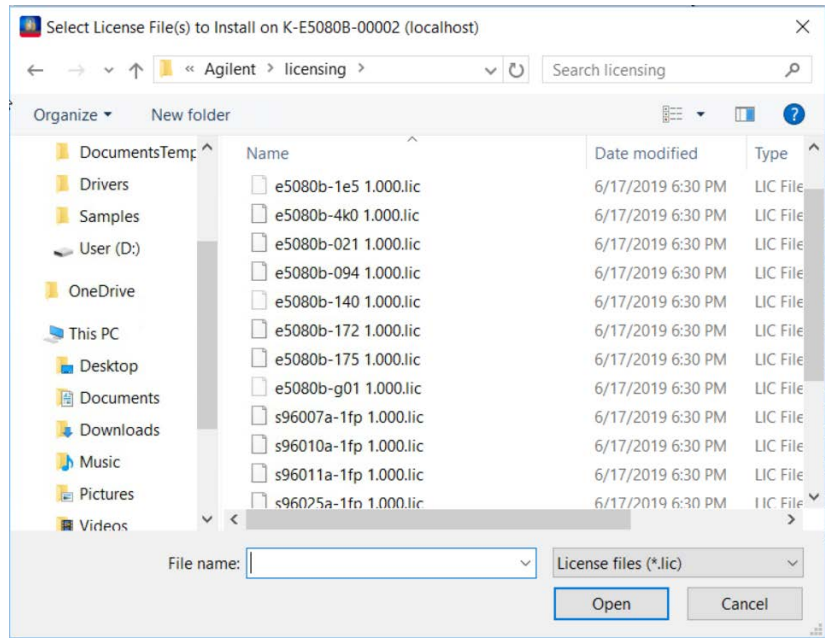
NOTE

In case the required options aren't listed,

1. Open Keysight License Manager in Network Analyzer. Select Install License File.



2. Connect USB pen drive to network analyzer. Navigate to the folder the backup licenses are saved earlier.
3. To install the license file(s), select the license file(s) and click Open.



NOTE

If you return floating licenses at the step **“Backing Up Option Data”**, you need to borrow them again.

Writing System Correction Data of Backup Memory to Removable Drive

The system correction data (Syscalls) are stored in the Network Analyzer backup memory. It is not affected by the SSD replacement.

No action is needed.

Calibration of the Touch Screen

For Windows 10 based E5080B

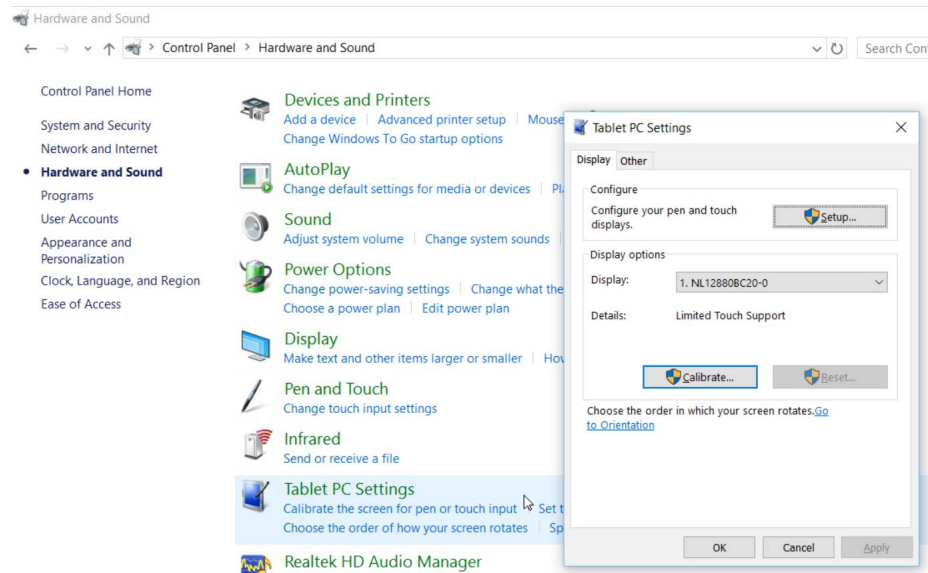
NOTE

The step is optional.

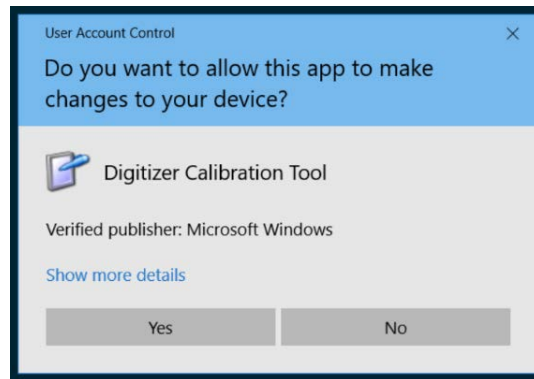
The default Windows touch screen calibration setting will be accurate. Only perform if user would like to customize the touch screen to their requirement.

Refer to the procedure described below to calibrate the touch-screen.

Step 1. In Windows operating system, navigate to **Control Panel -> Hardware and Sound -> Tablet PC Settings**. Click **“Calibrate”**.



Step 2. Windows UAC (User Account control) will be prompted. Press **“Yes”**.



Step 3. Touch the + crosshair according to the sequence on screen.



For Windows 11 based E5080B

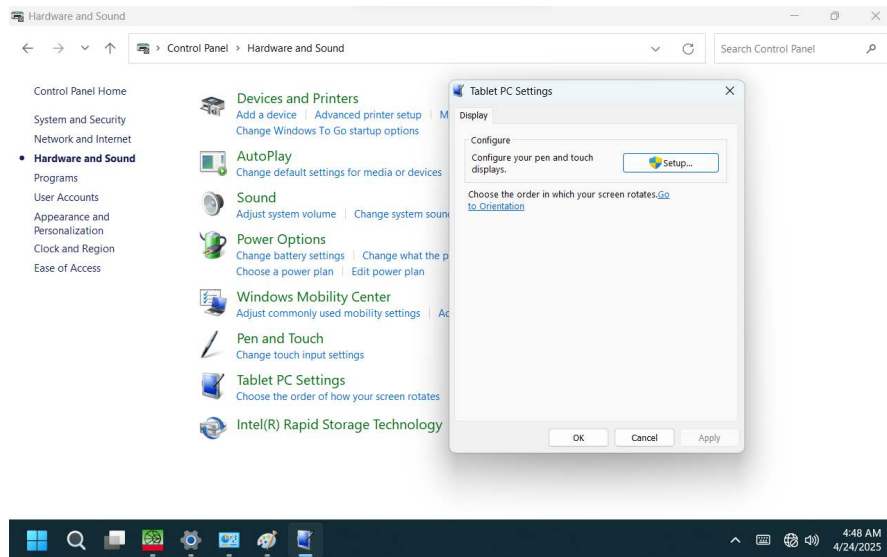
NOTE

The step is optional.

The default Windows touch screen calibration setting will be accurate. Touch screen calibration is no longer required in Windows 11 since the touch screen and display panel is pre-calibrated.

Refer to the following procedure to verify the touch-screen functionality.

Step 1. In Windows operating system, navigate to **Control Panel -> Hardware and Sound -> Tablet PC Settings**. Under **Display -> Configure**, Click **“Setup”**.

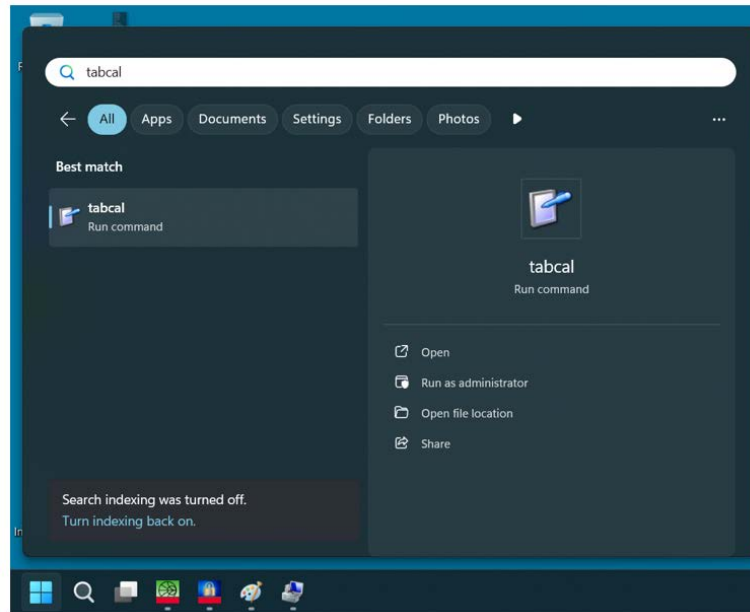


Step 2. The following screen would be prompted. Tap this screen with single finger to identify the touch screen functionality. Upon successful recognition of touch/tap input, the tool will automatically exit.

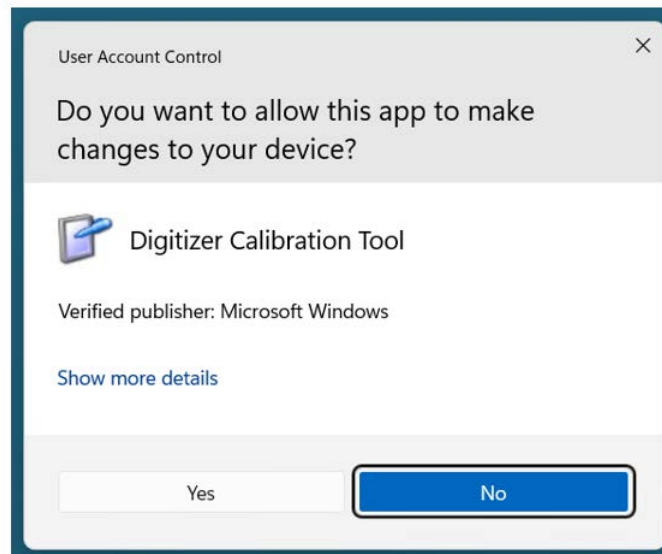
Tap this screen with a single finger to identify it as the touchscreen.

If this is not the Tablet PC screen, press Enter to move to the next screen. To close the tool, press Esc.

Step 3. If user would like to customize the touch screen to their preference, click **Start**. Enter “tabcal”. Launch the utility.



Step 4. Windows UAC would be prompted. Press “Yes”.



Step 5. Touch the + crosshair according to the sequence shown on screen.



This information is subject to change without notice.

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