Intel-SA-00086 Detection Tool – Download site

The INTEL-SA-00086 Detection Tool will assist with detection of the security vulnerability described in INTEL-SA-00086. This tool and the problem it relates to only applies to devices with Intel chip sets.

SA00086_Windows.zip: for Windows® 10, Windows 8.1, and Windows 7, Size: 3.27 MB

This download contains two versions of the tool.

The first is an **interactive GUI tool** that discovers the hardware and software details of the device and provides a risk assessment.

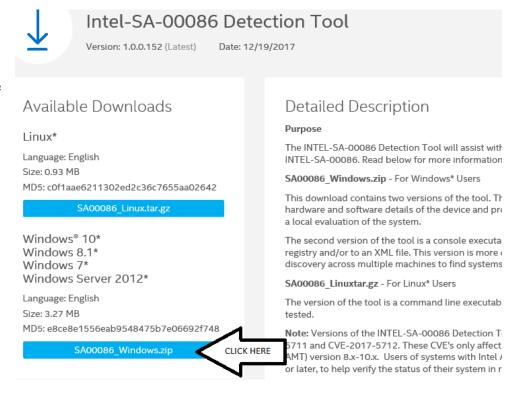
This version is the one Windows X SIG members should use, and it is called Intel-SA-00086-GUI.exe. Double click this exe file to run the tool.

The second version of the tool is more convenient **for IT administrators** wishing to perform bulk discovery across multiple machines. Windows X SIG members can ignore this version.

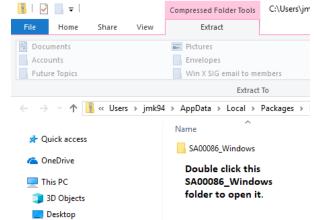
https://downloadcenter.intel.com/download/27150

When you double click the Intel download center link, the web site will look like this.

- 1. Click as shown by the arrow to access the detection tool.
- 2. Accept the license agreement.
- 3. Click OPEN to run the tool rather than save it.



- 4. The ZIP file will open in File Explorer as shown on the right. There is only one folder visible, **SA00086_Windows**.
- 5. Double click the SA00086_Windows folder to open it.



- 6. The three folders in the SA00086_Windows folder will be shown as displayed on the right.
- 7. Double click the Discovery Tool.GUI folder.
- 8. Finally, the Intel Discovery Tool is revealed. The name is Intel-SA-00086-GUI.exe. (Don't worry if you can't see the final .exe. The description of Application means that you have the correct file.) Now, double click the file name to start the tool.
- Name

 DiscoveryTool
 DiscoveryTool.GUI
 Double click
 Double click
 Double click
 File folder

 Double click
 File folder

 Double click
 Double click
 Type

 Application
 Double click this GUI
 file to run the tool.
- 9. In the Compressed (zipped) Folders pop up window, click Run. If for any reason you get an error mesage then repeat these instructions and click Extract all instead.
- 10. You will have to click Yes on the User Account Control screen that pops up to allow the tool to run.



11. After a short time, the tool's Risk Assessment report will pop up on your screen as shown on the right for my computer.

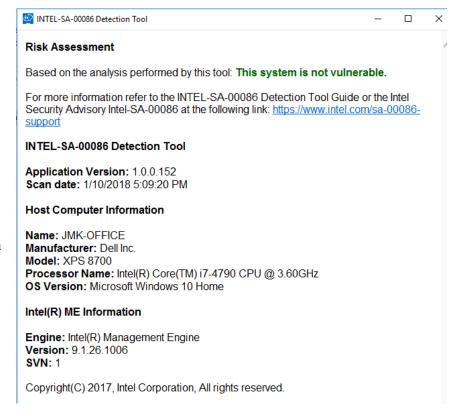
Since I have an older Intel CPU, I am not at risk as stated in the second line of the report at the right.

If your computer is vulnerable, the fix will be made available by the manufacturer of your computer.

Check your manufacturer's web site for an update to correct the Intel SA-00086 problem.

It may be a while before the fix is available to download and install. Some manufacturers estimated that it would take until February of 2018 to have the fix available.

John M. King, 1/10/2018



References:

https://www.intel.com/content/www/us/en/support/articles/000025619/software.html

Lists affected processors and provides links to manufacturers sites related to the problem.

https://www.theregister.co.uk/2017/11/20/intel flags firmware flaws/

Description of the problem and what is at risk.