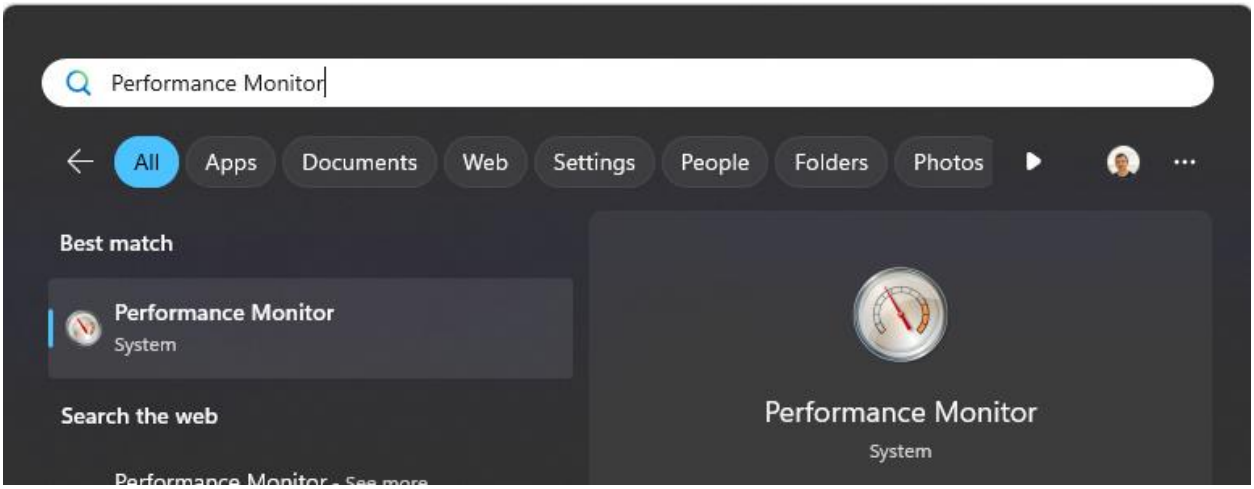
Learn how to use the Performance Monitor to measure power consumption and additional performance statistics on your Windows AI PC in this guide.

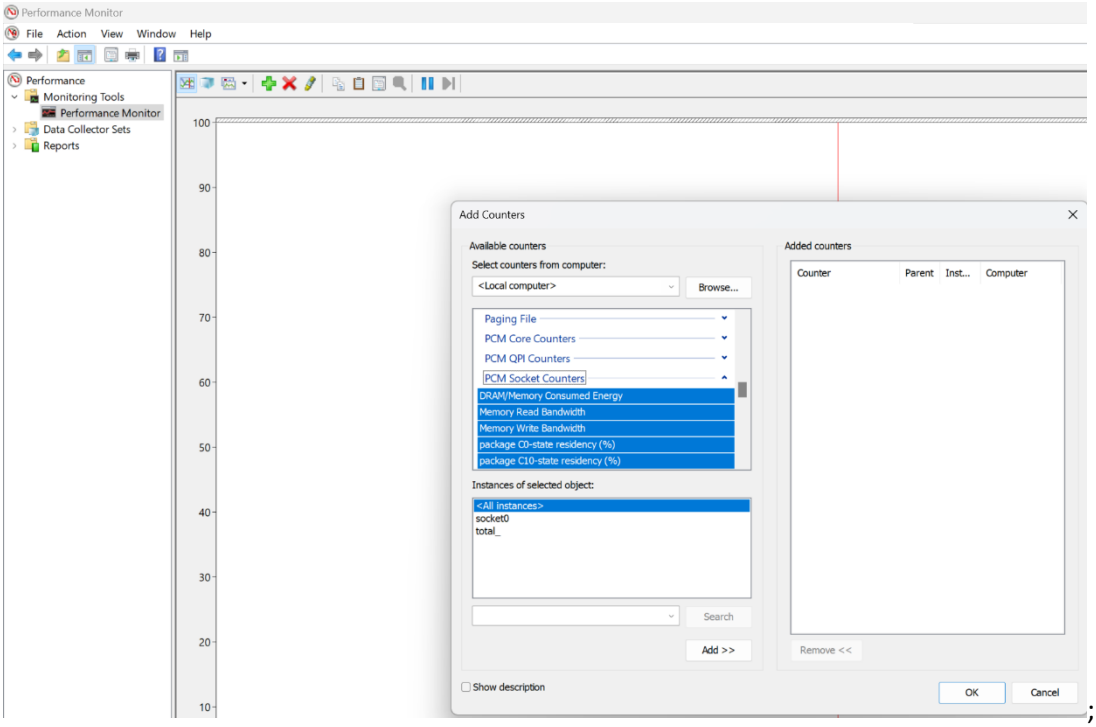
Installation of Performance Monitor in Windows

1. Download and unpack https://ci.appveyor.com/api/buildjobs/ya2o02uo3hpt8hil/artifacts/pcm-all.zip

2. Download the free RealTemp utility package from http://www.techpowerup.com/realtemp/ or any other free utility that uses the open-source WinRing0 driver
3. Copy WinRing0.dll, WinRing0.sys, WinRing0x64.dll, WinRing0x64.sys files from there into the PCM.exe binary location, into the PCM-Service.exe location and into c:\windows\system32
4. Run the PCM.exe tool from command line (admin)
5. Execute '"PCM-Service.exe" -Install' from this directory (admin)
6. Execute 'net start pcmservice' (admin)
7. Start Performance Monitor in Windows (Note: Need to find “Performance Monitor” in your own language if your OS is not in English)



8. Click “+” and select PCM Socket Counter



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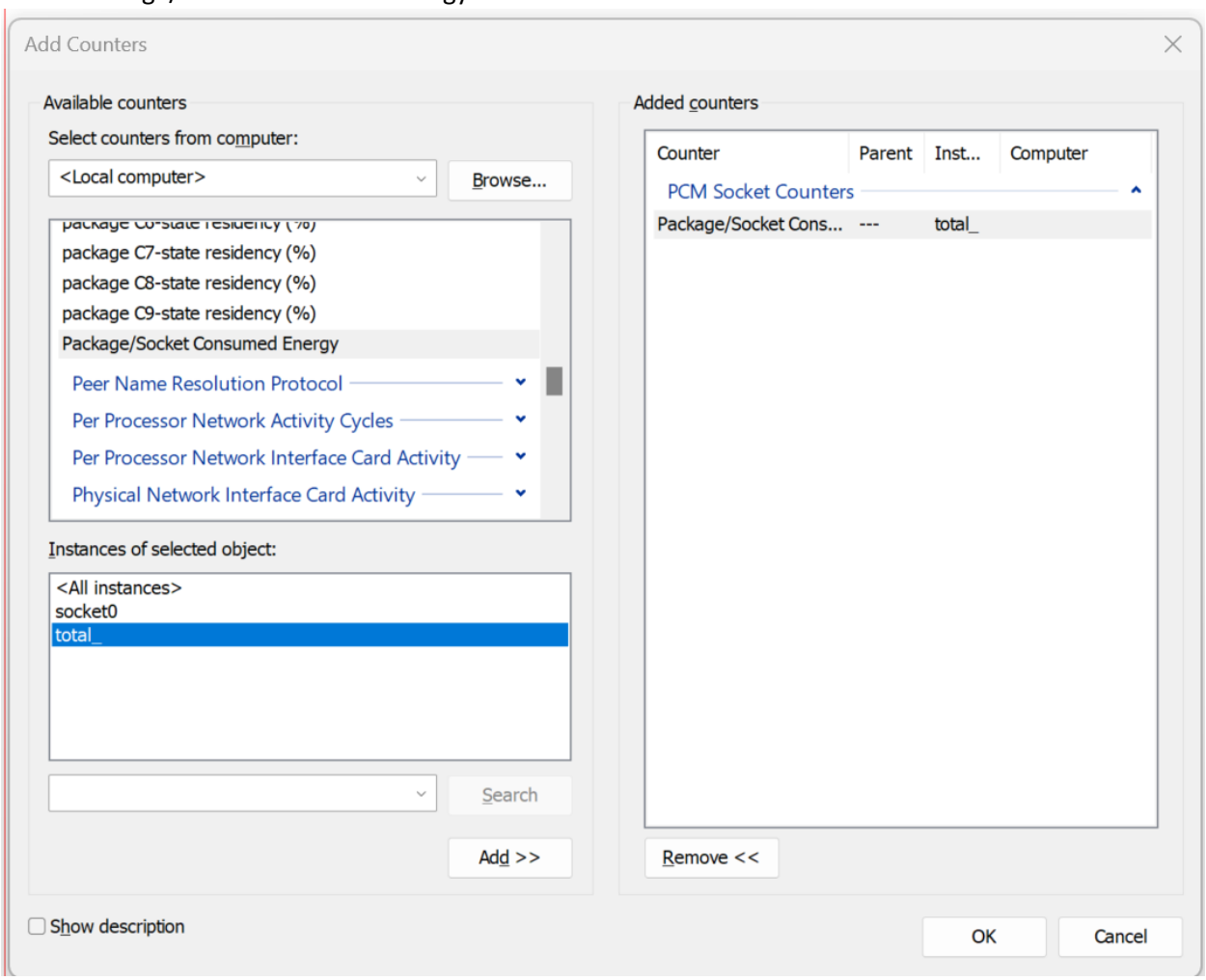
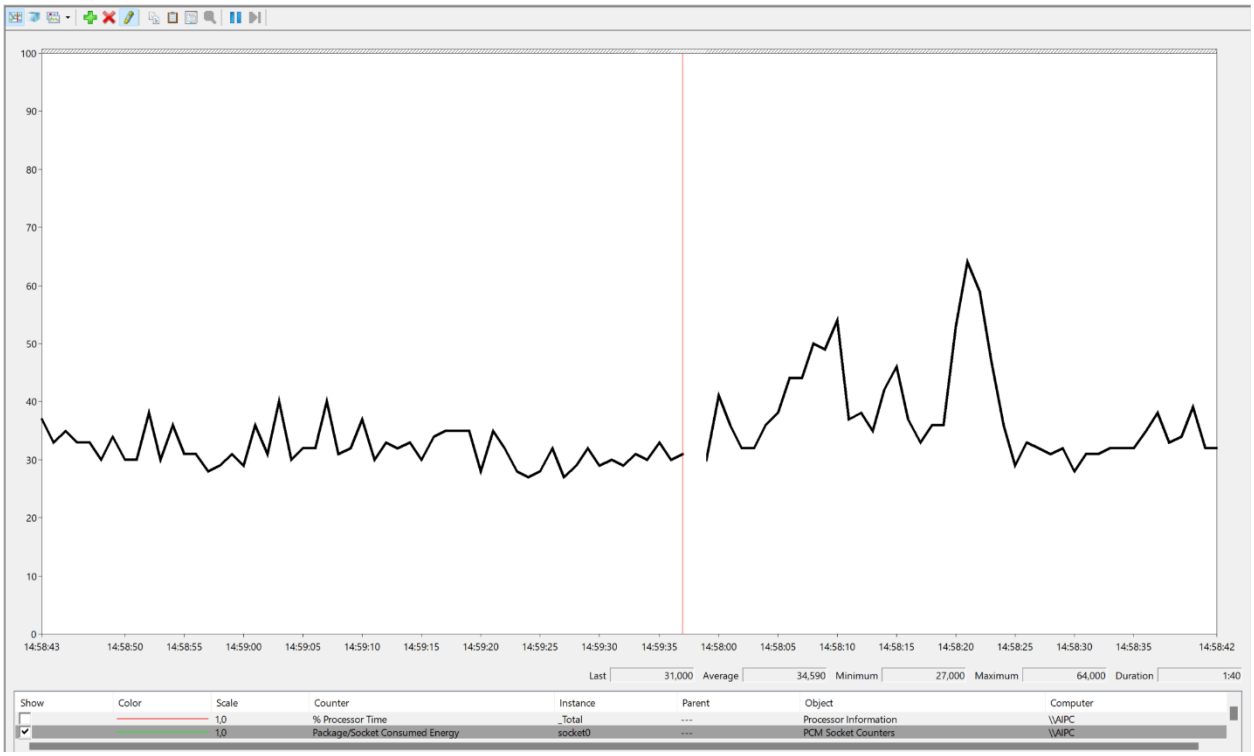
9. Select Package/Socket Consumed Energy and total and it to “Added counter”



10. You can monitor power consumption now


100
90
80
70
60
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0
14:58:43
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14:58:00
14:58:05
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14:58:15
14:58:20
14:58:25
14:58:30
14:58:35
14:58:42
Last 31,000 Average 34,590 Minimum 27,000 Maximum 64,000 Duration 1:40
Show Color Scale Counter Instance Parent Object Computer
1,0 % Processor Time _Total --- Processor Information \\AIPC
1,0 Package/Socket Consumed Energy socket0 --- PCM Socket Counters \\AIPC