



What's new in Nsight Perf SDK 2023.5.0

1. Improved HTML report
 - Added tooltip to show the formula of the values.
 - Added option to allow writing out the counter data image and counter config image. Please refer to “Enhancing Diagnostic Capabilities” in the Nsight Perf SDK Getting Started Guide for the details.

Prerequisites

- Supported HW boards:
 - Jetson AGX Orin
 - Jetson Orin NX
 - Jetson Orin Nano
 - Hope Devkit
- Supported Operating Systems
 - Nvidia Jetson Linux (version 36 or above)

Redistribution

1. Please refer to README under the redist folder in the SDK

Limitations

1. General Limitations
 - a. Each GPU is limited to one profiling session at a time, across the entire system.
 - b. Not all counters and metrics are available to the Range Profiler APIs, due to driver limitations. The CounterAvailability APIs exist to reveal which metrics are available.
2. Vulkan Profiler

- a. Vulkan Range Profiler is not compatible with Vulkan layers that perform [object-wrapping](#).
- b. Vulkan Range Profiler does not support PushRange and PopRange calls on secondary command buffers (VkCommandBuffer created with [VK_COMMAND_BUFFER_LEVEL_SECONDARY](#)).
- c. Vulkan Range Profiler does not support PushRange and PopRange calls on a VkCommandBuffer that is recording with [VK_COMMAND_BUFFER_USAGE_SIMULTANEOUS_USE_BIT](#).