Analysis Configuration Collection Log Summary Bottom-up Caller/Callee Top-down Tree Platform

**⊗** Elapsed Time <sup>②</sup>: 5.496s

CPU Time <sup>3</sup>: 4.422s
Total Thread Count: 1
Paused Time <sup>3</sup>: 0s

# **⊘** Top Hotspots

This section lists the most active functions in your application. Optimizing these hotspot functions typically results in improving overall application performance.

Function	Module	CPU Time ©
SerialGaussMethod	IPS1.exe	4.160s
rand	ucrtbased.dll	0.168s
InitMatrix	IPS1.exe	0.039s
_stdio_common_vfprintf	ucrtbased.dll	0.039s
malloc	ucrtbased.dll	0.016s

<sup>\*</sup>N/A is applied to non-summable metrics.

#### Hotspots Insights

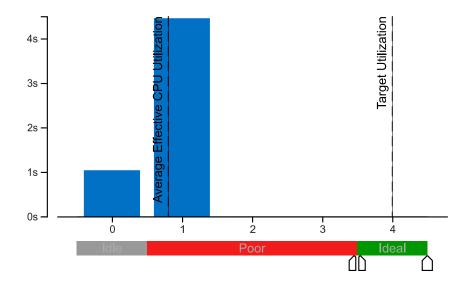
If you see significant hotspots in the Top Hotspots list, switch to the Bottom-up view for in-depth analysis per function.
Otherwise, use the Caller/Callee view to track critical paths for these hotspots.

### **Explore Additional Insights**

Parallelism ②: 20.1% No. 10 Use ② Threading to explore more opportunities to increase parallelism in your application.

## Effective CPU Utilization Histogram

This histogram displays a percentage of the wall time the specific number of CPUs were running simultaneously. Spin and Overhead time adds to the Idle CPU utilization value.



### Collection and Platform Info

This section provides information about this collection, including result set size and collection platform data.