

Exercise 1:

CPU model name	Intel Core i9 13900H (Raptor Lake-M/P)
number of cores	14
clock rate	2600 MHz (2.60 GHz)
clock rate in turbo mode	5400 MHz (5.40 GHz)
cache sizes	L1: 1.2 Mb L2: 11.5 Mb L3: 24.0 Mb
multithreading	20
memory bandwidth	5200 MHz * 8bytes = 40.625Gb/s
vectorization	SSE, AVX

How to find out about the specifications of your hardware:

1. Task Manager->Performance
2. Settings->System->About
3. Core Temp