

# CPU HP NK2

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## Intel Core Ultra 7 265H

**Average CPU Mark**

**Description:** Intel Arc 140T GPU, Intel AI Boost

**Class:** Laptop | **Socket:** FCBGA2049

**Total Cores:** 16 Cores, 16 Threads

**Performance Cores:** 6 Cores, 6 Threads, 2.2 GHz Base, 5.3 GHz Turbo

**Efficient Cores:** 10 Cores, 10 Threads, 1.7 GHz Base, 4.5 GHz Turbo

**Typical TDP:** 28 W | **TDP Down:** 20 W

**TDP Up:** 115 W

**Cache per CPU Package:**  
L1 Instruction Cache: 6 x 64 KB  
L1 Data Cache: 6 x 48 KB  
L2 Cache: 6 x 3072 KB  
L3 Cache: 24 MB

**Cache per Eff. CPU Package:**  
Eff. L1 Instruction Cache: 10 x 64 KB  
Eff. L1 Data Cache: 10 x 32 KB  
Eff. L2 Cache: 1 x 2048 KB

**Other names:** Intel(R) Core(TM) Ultra 7 265H

**CPU First Seen on Charts:** Q2 2025

**CPUmark/\$Price:** NA

**Overall Rank:**  
LIDL Lietuva

**Multithread Rating:** **34547**

**Single Thread Rating:** **4421**

Samples: 341\*  
\*Margin for error: Low

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