

INTEL

Intel Core Ultra 7 265KF Desktop Processor

20 Cores, up to 5.5 GHz, LGA1851, Tray

Brand New · Genuine Intel

Cores	Speed	Socket	Graphics
20	5.5 GHz	LGA1851	None
8 P + 12 E	Max turbo	DDR5	Needs a graphics card

Specifications

Performance

Cores	20 (8 Performance, 12 Efficient)
Threads	20
Max turbo	Up to 5.5 GHz
Performance cores	3.9 GHz base, up to 5.4 GHz
Efficient cores	3.3 GHz base, up to 4.6 GHz
Cache	30 MB Intel Smart Cache (36 MB L2)
Unlocked	Yes (K)

Platform

Socket	LGA1851
Memory	DDR5 up to 6400 MT/s, 2 channels, up to 256 GB
PCI Express	5.0 and 4.0, 24 lanes

Graphics and AI

Graphics	None (a graphics card is needed)
AI engine (NPU)	Intel AI Boost, 13 TOPS (25 TOPS in all)

Power

Base power	125 W
Max turbo power	250 W
Max temperature	105 °C

Box

Comes as	Tray (the chip alone)
Launched	Q4 2024

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