

INTEL

Intel Core i7-12700KF Desktop Processor

12 Cores, up to 5 GHz, LGA1700, Tray

Brand New · Genuine Intel

Cores	Speed	Socket	Graphics
12	5 GHz	LGA1700	None
8 P + 4 E	Max turbo	DDR5 or DDR4	Needs a graphics card

Specifications

Performance

Cores	12 (8 Performance, 4 Efficient)
Threads	20
Max turbo	Up to 5 GHz
Performance cores	3.6 GHz base, up to 4.9 GHz
Efficient cores	2.7 GHz base, up to 3.8 GHz
Cache	25 MB Intel Smart Cache (12 MB L2)
Unlocked	Yes (K)

Platform

Socket	LGA1700
Memory	DDR5 up to 4800 MT/s or DDR4 up to 3200 MT/s, 2 channels, up to 128 GB
PCI Express	5.0 and 4.0, 20 lanes

Graphics and AI

Graphics	None (a graphics card is needed)

Power

Base power	125 W
Max turbo power	190 W
Max temperature	100 °C

Box

Comes as	Tray (the chip alone)
Launched	Q4 2021

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