

INTEL

Intel Core i7-14700F Desktop Processor

20 Cores, up to 5.4 GHz, LGA1700, Tray

Brand New · Genuine Intel

Cores	Speed	Socket	Graphics
20	5.4 GHz	LGA1700	None
8 P + 12 E	Max turbo	DDR5 or DDR4	Needs a graphics card

Specifications

Performance

Cores	20 (8 Performance, 12 Efficient)
Threads	28
Max turbo	Up to 5.4 GHz
Performance cores	2.1 GHz base, up to 5.3 GHz
Efficient cores	1.5 GHz base, up to 4.2 GHz
Cache	33 MB Intel Smart Cache (28 MB L2)

Platform

Socket	LGA1700
Memory	DDR5 up to 5600 MT/s or DDR4 up to 3200 MT/s, 2 channels, up to 192 GB
PCI Express	5.0 and 4.0, 20 lanes

Graphics and AI

Graphics	None (a graphics card is needed)

Power

Base power	65 W
Max turbo power	219 W
Max temperature	100 °C

Box

Comes as	Tray (the chip alone)
Launched	Q1 2024

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