

SEi12 i5-12450H

Intel 12 Gen Mini PC



**Intel® Core™
i5-12450H**
CPU

**DDR4
3200Mhz**
Memory

**PCIe 4.0
M.2 NVMe**
Storage

**WiFi
6**
WiFi



8 Cores
Intel® Core™ i5-
12450H



**Max
64GB**
DDR4



Max 2TB
M.2 2280 PCIe 4.0
SSD



Dual Fans
System Fan + CPU
Fan



DisplayPort+HDMI
Dual 4K display



WiFi6
2.4GM
bps

Efficient Cooling

Silent fan, heat pipe and heat fin provide efficient cooling for the CPU.



MSC Technology - System Fan

The system fan accelerates the air flow, providing efficient cooling for the RAM and the SSD.

Improved overall performance with new cooling

↑ 19%

With system fan
Without system fan

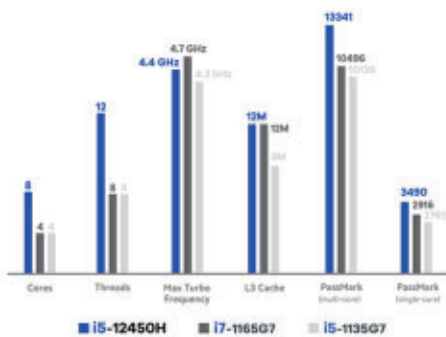


Fantastic Cooling System

The system fan accelerates the air flow, providing efficient cooling for the RAM and the SSD.

i5-12450H/i7-1165G7/i5-1135G7

Performance comparison



Software Performance Test

Office, online courses, designing, editing, rendering and other software run smoothly.

Configuration: 32GB (5-12450H CPU, 16GB(8*2) 3200MHz, DDR4-5000B, PCIe4.0 SSD)

Name	Software size	Launch time	File size	response time	CPU temperature	Smoothness (Full scope of five stars)
PS230	2.00GB	9.72s	1.40GB	0.143s	54-72°C	★★★★★
A1200	1.21GB	4.37s	167MB	0.143s	45-67°C	★★★★★
DR2021	1.20GB	5.66s	166B	0.143s	55-69°C	★★★★★
CAD2021	1.80GB	5.02s	2.70GB	0.143s	49-65°C	★★★★★
P12017	1.80GB	9.67s	162MB	0.213s	62-77°C	★★★★★
AE2022	3.20GB	7.71s	163MB	0.203s	65-76°C	★★★★★
C4D R25	1.90GB	5.25s	167MB	0.143s	61-77°C	★★★★★
3Dmax2019	3.00GB	16.17s	164MB	0.343s	55-74°C	★★★★
Maya2022	3.04GB	12.55s	164MB	0.343s	54-76°C	★★★★

Performance Test

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