AMD vs intel

AMD Yes？AMD能與半導體巨頭掰手腕？

大家有自己組裝過電腦嗎？
為了讓電腦更符合自己的需求　有人會選擇自己組裝電腦
既可以節省成本也可以選擇自己想要的硬件
目前中央處理器的市場裡的兩大企業分別是半導體巨擘
「Intel（英特爾）」和「AMD（超微）」
因此本組組員將對AMD和Intel的CPU產品進行比較
了解AMD的優勢與劣勢、行銷策略及在市場的競爭力
並調查電腦玩家選擇處理器時所看重的因素

- 本組製作的AMD和Intel主流款處理器比較圖 -

品牌/品名 / 規格	AMD / RYZEN™ 5 7500F	INTEL / CORE™ I5-14400F
核心數量 執行緒數	6核 12緒	10核（6大核”4小核） 16緒 勝
時脈頻率	3.7GHz（↑5.3GHz）勝	2.5GHz（↑4.7GHz）
L3緩存	32MB 勝	20MB
預設耗電量/TDP	105W	65W（↑148W）
處理器工藝	台積電5奈米 勝	Intel 7（10奈米）
目前售價	NT.5250	NT.6900

以下是根據行銷分析以及問卷結果所做出的結論與建議：

（一）AMD確實有能力可以與Intel正面對決
（二）電腦玩家較注重處理器的性價比
（三）應該將NPU作為Ryzen處理器的基礎標配
（四）零售入門款R3處理器，以填補低端市場的空缺

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AMD vs intel

AMD Yes ？Can AMD compete with the semiconductor giants ？

Has anyone ever assembled a computer by themselves? To make the computer more suitable for their needs, some people choose to assemble their own computers. This not only saves costs, but also allows them to choose the hardware they want. Currently, the two major companies in the central processing unit market are the semiconductor giants 「Intel」 and 「AMD」. Therefore, our team members will compare the CPU products of AMD and Intel, understand the advantages and disadvantages of AMD, marketing strategies and competitiveness in the market, and investigate the factors that computer players value when choosing a processor.

Translate the comparison chart of mainstream AMD and Intel processors produced by our team

Product name / Specification	AMD / RYZEN™ 5 7500F	INTEL / CORE™ I5-14400F
CPU Cores Total Threads	6P 12	10 (6P" 4E) 16 WIN
Frequency	3.7GHz (↑5.3GHz) WIN	2.5GHz (↑4.7GHz)
L3 Cache	32MB WIN	20MB
TDP	105W	65W (↑148W)
Lithography	TSMC 5nm WIN	Intel 7 (10nm)
Current price	NT.5250	NT.6900

Here are the conclusions and recommendations based on marketing analysis and survey results ：

1. **AMD indeed has the capability to compete directly with Intel.**
2. **Computer gamers pay more attention to the cost-performance ratio of CPU.**
3. **The NPU should be made a standard feature of Ryzen CPU.**
4. **Retail entry-level R3 CPU should be introduced to fill the gap in the low-end market.**

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