

Research Proposal

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I. RESEARCH TOPIC

10TH Gen Intel Core™ i7-10700K Processor

II. ADVANTAGE

Intel's 10Th Generation Core CPU's offer all sorts of upgrade benefits, no matter what kinds of tasks you perform. They offer more threads, higher clocks, improved power efficiency and amazing gaming performance.

III. FEATURES

chip-set: Intel Core™ i7-10700K Processor Memory: Max memory size 128GB Processor Graphics: Intel® UHD Graphics 630 Graphics Max Dynamic Frequency: 1.20 GHz Package Size: 37.5mm x 37.5mm

IV. PROBLEM STATEMENT

The 10Th Generation chip is not for all users in spite of its high speed. This is not much to support all tasks. The speed of encoding entirely depends on the software used and its compatibility.

V. MOTIVATION OF OUR RESEARCH

Our aim is to represent an advance and upgrade processor. It is useful as its objectives are best CPU around for gaming, excellent single and multi core performances. If you want an unlock part that easy to over-lock.

VI. PROPOSED METHODOLOGY

AMD rocked the boat with high-end processor so Intel's goal and hope the core i7-10700k can tempt customers with solid mid-tier performance.

VII. EVALUATION OF EFFECTIVENESS

If we evaluate and compare with core i9-10900k. It's similar to that but comes at a lower price point and has two fewer cores. Whats interesting, however this is best gaming CPU. IT is a powerful mid-tier desktop processor rocking eight cores and 16 threads.

VIII. IMPORTANCE OF OUR RESEARCH

Technologies are now-a-days our daily needs. So it's importance is beyond explanation. Processor are the core of technology. Our research topic 10Th gen core i7-10700k processor is latest and advanced.

IX. SCOPE AND LIMITATION

As we know there are a good number of scope of our research topic. We are gonna discuss one of those. It has so much advance technology like it is Intel optane memory supported. It has turbo boost technology, also it has Intel vpro platform eligibility. though it's limitations are few, we are discussing those too. It has no thermal velocity boost. No transnational synchronizal extension.

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