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**01 ELMS ACTIVITY 2**

Microprocessors

Compare and contrast the different classifications of microprocessors not more than five (5) sentences. Cite your sources if needed.

Microprocessors can be categorized according to their architecture such as RISC and CISC and purpose, either general-purpose or specialized. Complex instructions (like x86) are prioritized by CISC processors, whereas simpler instructions (like ARM) are the focus of RISC processors. While specialized processors (such as DSPs for audio processing) are designed to perform specific tasks, general-purpose processors are suitable for a wide range of tasks. To accommodate a range of computing requirements, these classifications provide compromises between performance and adaptability.