

Computer organization and design: the hardware/software interface

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Abstrak

This Fourth Revised Edition of Computer Organization and Design includes a complete set of updated and new exercises, along with improvements and changes suggested by instructors and students. Focusing on the revolutionary change taking place in industry today--the switch from uniprocessor to multicore microprocessors--this classic textbook has a modern and up-to-date focus on parallelism in all its forms. Examples highlighting multicore and GPU processor designs are supported with performance and benchmarking data