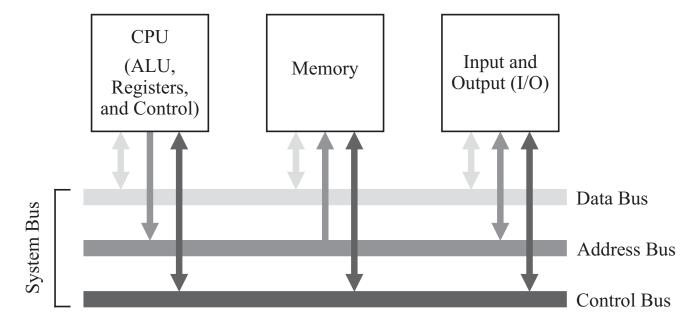
## The System Bus Model

- A refinement of the von Neumann model, the system bus model has a CPU (ALU and control), memory, and an input/output unit.
- Communication among components is handled by a shared pathway called the *system bus*, which is made up of the data bus, the address bus, and the control bus. There is also a power bus, and some architectures may also have a separate I/O bus.



Principles of Computer Architecture by M. Murdocca and V. Heuring

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