

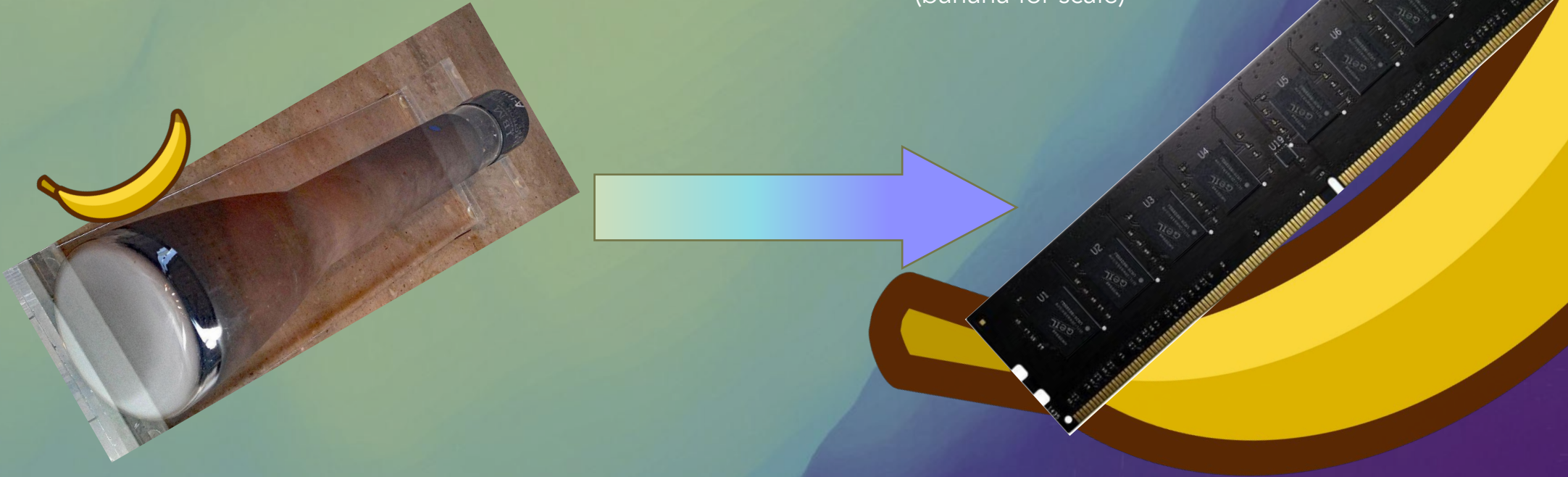


Computer system architecture

by Danylo Fetisov,
IS-83

From tubes to transistors

(banana for scale)



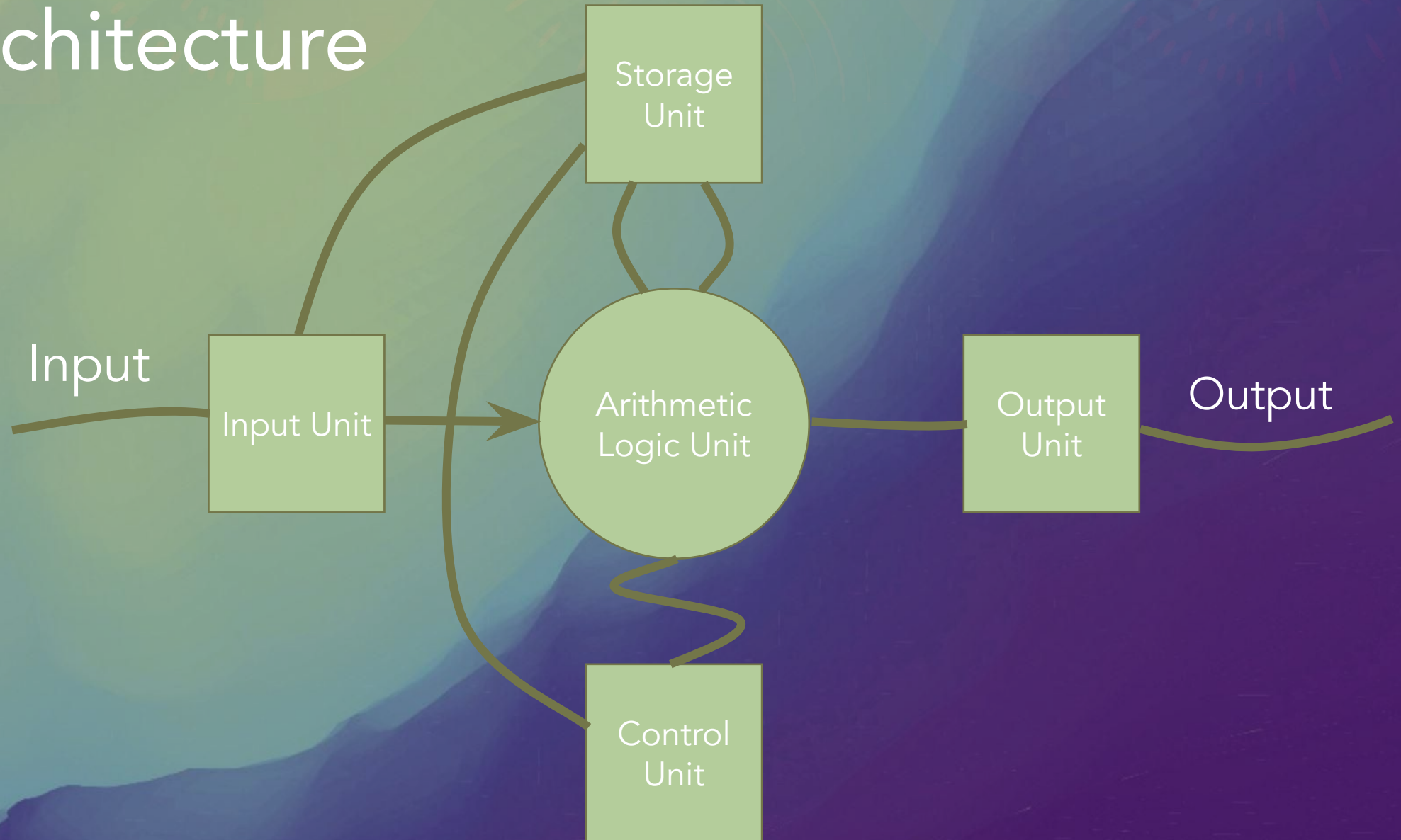
From using a Williams tube as a memory module, to multi-layered PCBs with millions of transistors on them it's clear that technology does not stand still

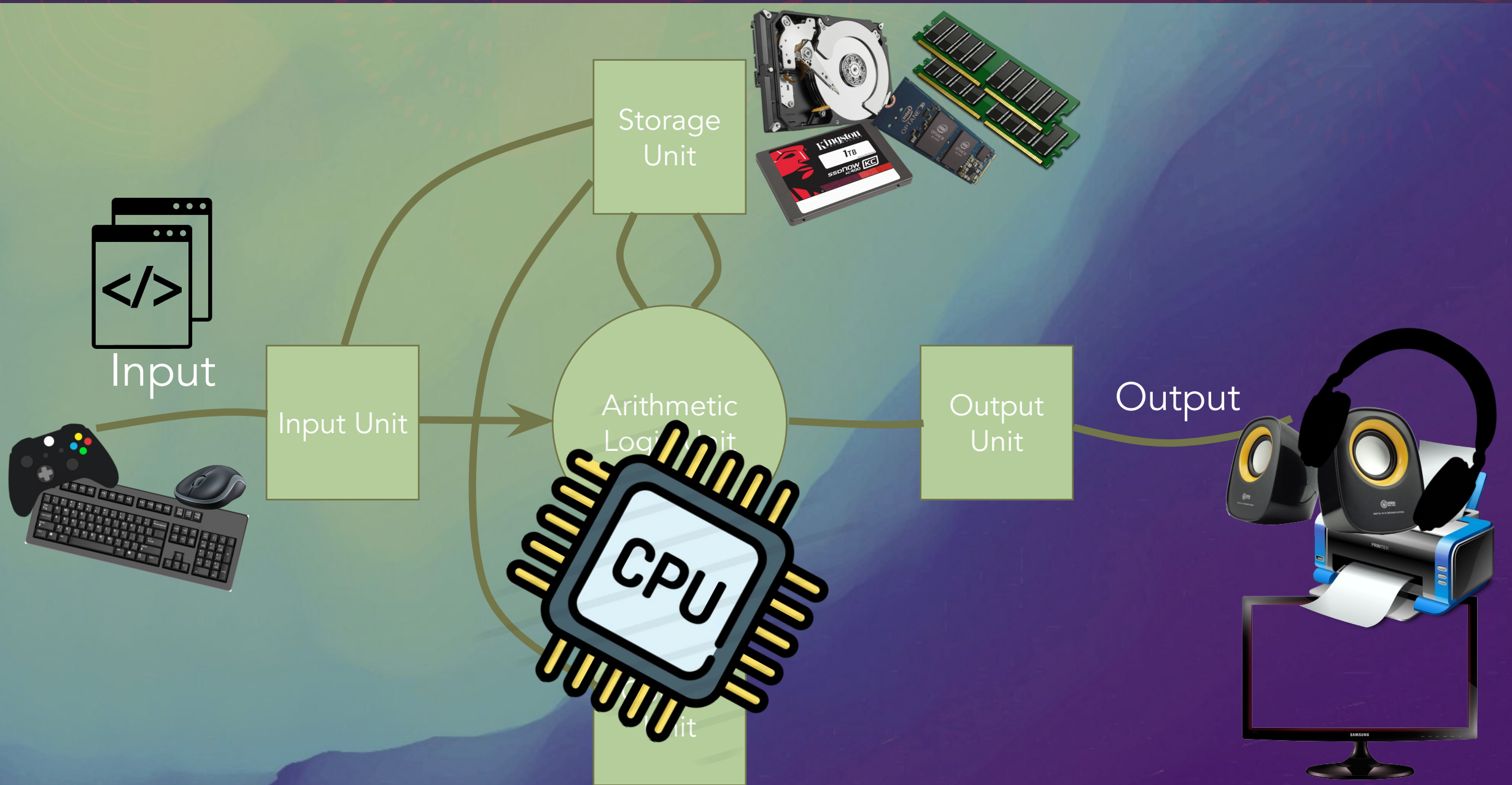
Applications of a Computer



Apart from a usual 'computer' that comes to mind first, there are so-called embedded computer that can hide in any of your home appliances or other things

PC architecture





Additional devices



Graphics



Additional devices

- ❖ Graphics cards
- ❖ Network adapters
- ❖ USB and SATA extensions via PCI-Express
- ❖ Other task-specific extensions

The background features a gradient of green and blue colors. There are faint, stylized geometric patterns, including concentric circles and dotted lines, in the upper portion of the image. The text "Thanks for your attention!" is centered in the middle of the frame.

Thanks for your attention!