

Laboratory 2: Desktops, Laptops and Notepads

Desktop Computers

Desktop computers are the standard to measure by. Add a keyboard, mouse, display and software and you are in business.

[cracking-open-alienwares-area-51-alx](#)



Laptop Computers

Laptop computers (and their low cost cousin the Netbook) provide for portability. Just add software and compute on the go.

[cracking-open-the-samsung-series-5-chromebook](#)



Notepad Computers

With a touchscreen and long battery life (like a netbook) these are the ultimate in portability.

[Toshiba Thrive teardown](#)



Report

We have examined the internals of a Desktop and Notebook computer in class. Your report is to compare and contrast these three configurations for computing in several dimensions:

1. Packaging and construction technology
2. Relative cost tradeoffs for computing power
3. Maintainability, reparability and extensibility
4. Expected reliability (give your reasoning) and expected useful life