

## X220T

April-17-11  
6:00 PM

Looses:

1. **Lousy screen resolution and screen shape.** (71% the pixels and 95% the area)
2. Possibly a smaller disk.

Wins:

1. **Memory more than doubled.**
2. **Processor speed doubled.**
3. **Better OS.**
4. Battery life doubled.
5. Touch screen.
6. Integrated webcam.
7. Integrated touch pad.
8. Better wireless.
9. Cell/GPS integration.
10. One "always on" USB.

Looses to  
Fajitsu T901!

$$\text{In}[1]:=1366*768/(1050*1400)//N$$

$$800 \cdot 1280 = 1024K < 1049K = 768 \cdot 1366$$

$$\text{Out}[1]=0.713665$$

$$\text{In}[2]:= (12.5^2 \cdot 9 \cdot 16) / (9^2 + 16^2) / ((12.1^2 \cdot 3 \cdot 4) / (3^2 + 4^2))$$

$$\text{Out}[2]=0.950037$$

Aside -  $9 \cdot 16 = 144 < 147 = 10.5 \cdot 14$ , but the difference  
is just  $\sim 2\%$ .