

Digital Computer Concept and Practice Team Project

Fundamental Knowledge of Specification & Quality.

Team 9

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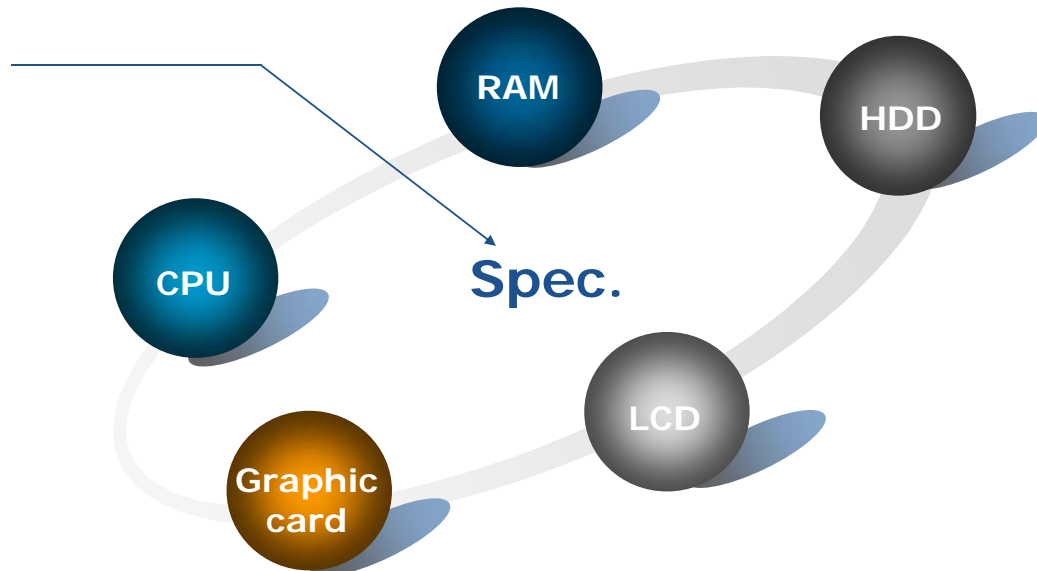


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Good Spec \Rightarrow Good Quality?

❖ What is Spec?



Good Spec \Rightarrow Good Quality?

❖ **Spec is NOT everything!** (in particular, laptop computer)

- ✓ Compatibility, Stability, ...
 - ✓ Noise generation, Heat generation, Weight, A/S...
- **Consider not only spec, but also quality and other things.**

Good Spec ⇒ Good Quality?

❖ Example



- Intel / Core 2 Duo / T9500 (2.6GHz) / **20.1 Inch** / 1920x1200 / **6.94Kg** / Vista Home Premium / 4GB / 500GB / DVD Recorder / GeForce 8800M GS / 512MB / 9cell / Gigabit (cable) / 802.11n (wireless)
- Price : **₩2,578,000**

➤ This notebook is **big, heavy and noisy**.

Brand Product ⇒ Good Quality?

❖ We purchase a Product, NOT a Brand.

- Many people consider just design and spec.
- Actually, brand products have high quality and stability on the average.
- HOWEVER some brand products have only good design and spec.
- NOT all brand products have good quality.

➤ **Don't believe brand products BLINDLY!**

Brand Product ⇒ Good Quality?

❖ Example



Samsung SENS

- Intel / (Intel)Core Solo / U1400(1.2GHz) / 12.1 Inch / 1280x768 / 1.18Kg / XP MCE / 1GB / 60GB / Intel GMA950
- Price : ₩1,631,100

- This notebook is a brand product and has good design, but it is expensive and has low spec.

Same Spec, Different Price?

❖ Is a Lower Price Product Good?

- Same components can be NOT SAME!
- Noise generation, Heat generation, ... can be different.
- **If a price difference is large, consider carefully!**

Same Spec, Different Price?

❖ Example



- Intel / Core 2 Duo / P9500 (2.53GHz) / 15.4 Inch / 1680x1050 / 2.7Kg / Vista Home Premium / 4GB / 320GB / DVD Recorder / GeForce 9600M GT / 512MB / 6cell

Efficiency according to use

❖ Even if your laptop computer has good spec, efficiency can be different according to use.

- Game, Programming, Multimedia, Word, ...

➤ **Think about your purpose!**

Efficiency according to use

	Graphic card	LCD coating	Brightness	Noise	Price
Word	X*	△	△		△
Multimedia	○	△	◎		
Game	◎	X	○		○
Programming		○	△		○
(in Library)			△	X	

* : built-in graphic card

Efficiency according to use

❖ Example



- Intel / Core 2 Duo / P8400 (2.26GHz) / **15.4 Inch** / 1280x800 / 2.61Kg / Vista Home Basic / 2GB / **250GB** / DVD Recorder / **GeForce 9300M GS** / 256MB / 6cell / Gigabit (cable) / 802.11n (wireless) / HDMI / e-SATA
- Price : **₩1,230,000**

➤ This notebook is proper for **playing games**.

Summary

- ✓ Consider not only spec, but also quality and other things.
- ✓ Don't believe brand products **BLINDLY!**
- ✓ If a price difference is large, consider carefully!
- ✓ Think about your purpose!

Thank You !

