

1. Bravely and carefully discover your PC or Notebook computer (NB), and find out its specifications of CPU, DRAMS, HD, and DVD driver, then compared to your smartphone, in terms of as follows.

You need to take some pictures of your PC/NB with yourself, including the external/internal and CPU/DRAM views (opening the iron cover of PC).

Items	My PC/NB	My Smart Phone
1. CPU Type	Intel i7-3770	
2. CPU Clocks	3.4-3.9 GHz	
3. CPU core/thread	4/8	
4. CPU Cache	20 MB	
5. DRAM	8 GB	
6. Hard Disk	750 GB, 7200 RPM	
7. VGA card	AMD FirePro V4900	
8. DVD driver	1, standard	

2. Try to repeatedly connect the Web Site "FM 99.7" (台北愛樂) or some media web (like YouTube) over the Internet until your PC/NB *shuts down* finally. Then *count* how many "FM 99.7 sites" (or YouTube) was connected.

In Exp.-1, your PC/NB is with full DRAMs on the motherboard, and then use half DRAMs in Exp.-2.

Take some pictures of the LCD screen on your PC/NB to showing the work and frozen status of the LCD screen in the two experiments, respectively.

Remind that you first must turn off your PC/NB, and then remove or plug the DRAMs from or into the specified bank on the motherboard.

Items	Exp.-1	Exp.-2
1. OS version	MS Windows 7	
2. DRAMs in total (GB)	8 GB	4 GB
3. DRAMs available for App. (GB)		
4. (A) DRAM occupied by FM 99.7 (MB)		
5. (B) No. of FM99.7 sites be opening		
6. (A) / (B) in MB/App		

Due date: **Oct. 13**, 2020.