

FAQ / Application Note

Subject : RAID 1 procedure for EAX-Q67 with Windows7 pro

FAQ Document No: _____ **Date:** 2012/6/25

Model Name. EAX-Q67 **Rev.** _____

Category: General H/W S/W Others, 寫小分類

Purpose:

Create RAID Volume for EAX-Q67 with Windows7 pro step by step

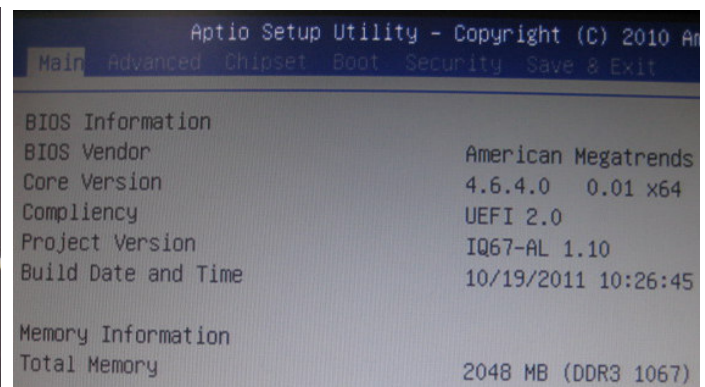
Test Environment and condition :

1. Board: EAX-Q67
2. CPU & RAM:

CPU	Intel	Pentium® Processor	Intel® Pentium® Processor G620T (3M Cache, 2.20 GHz)
RAM	Apacer	2GB UNB PC3-10600 CL9	



3. Standard BIOS: IQ67-AL BIOS V1.10 (10/19/2011)



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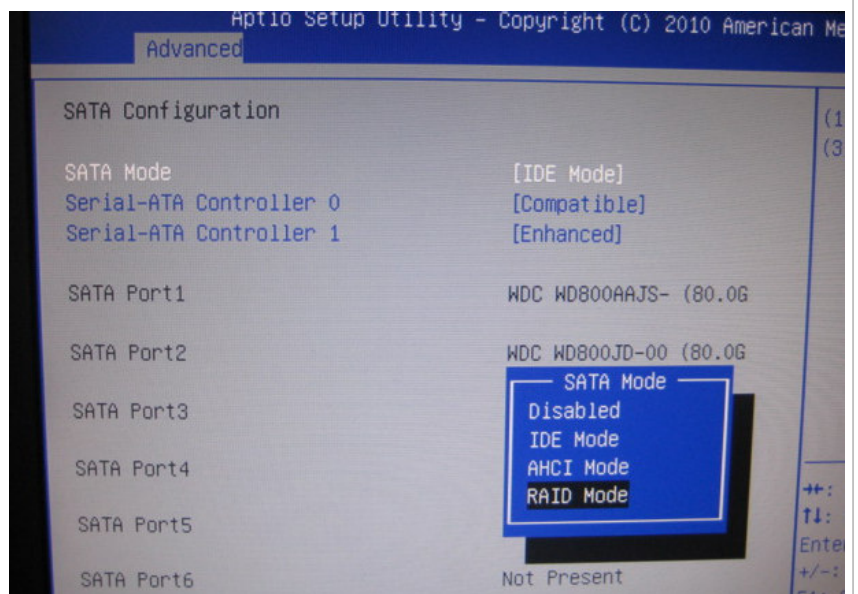
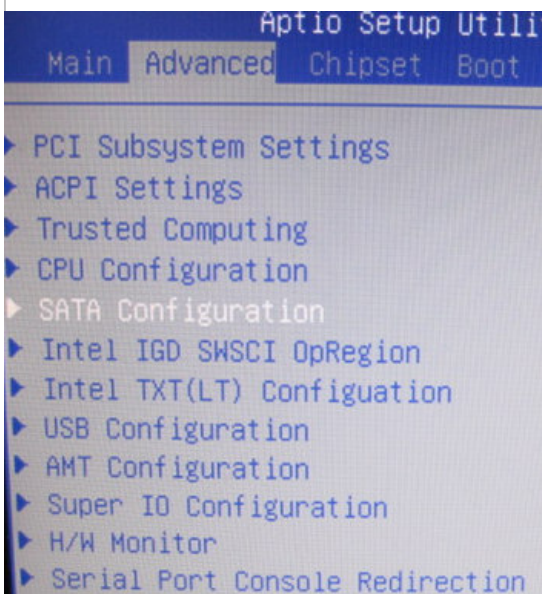
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4. HDD: WD/WD800AAJS(80G) & WD/800JD(80G)



Test Procedure and Results:

1. Enter into BIOS setting to set SATA Mode as "RAID Mode", and then save BIOS setting and exit.



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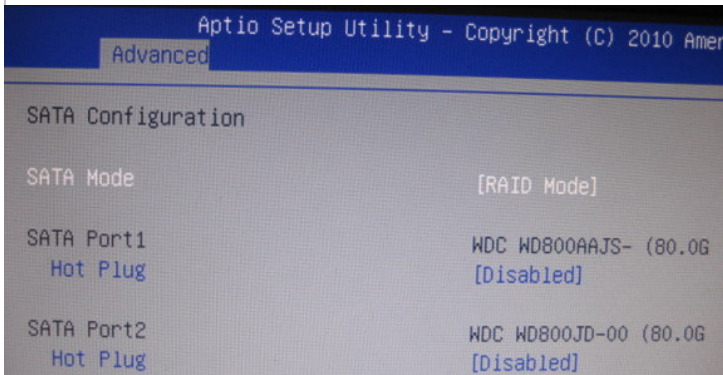
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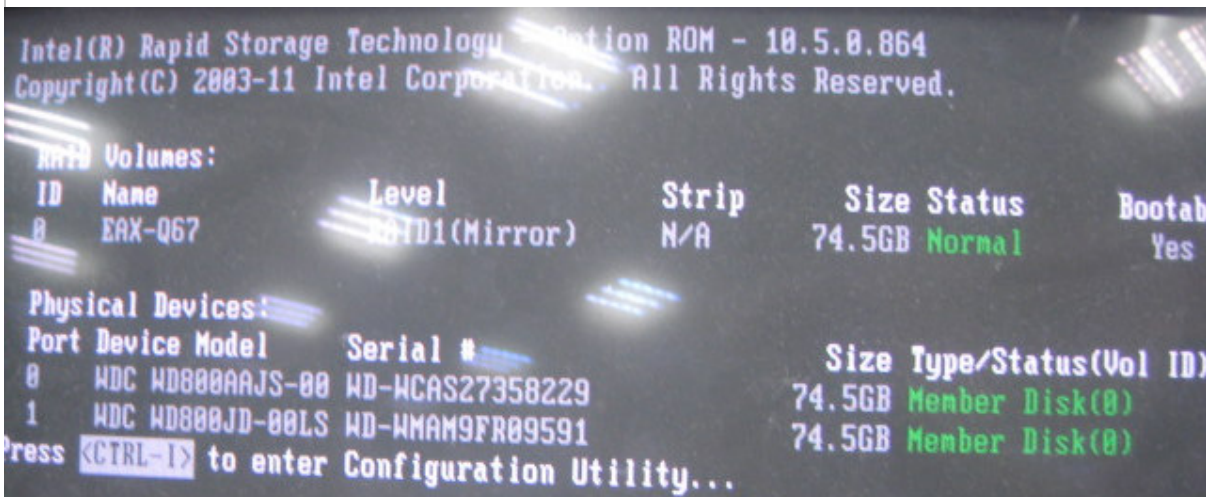
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2. After reboot, we will see that a tool for RAID is enable, and then we have to press “Ctrl” and “I” on the keyboard for entering RAID tool(Intel(R) Rapid Storage Technology – Option ROM).



3. Once entering into RAID tool, we will see a menu as below.



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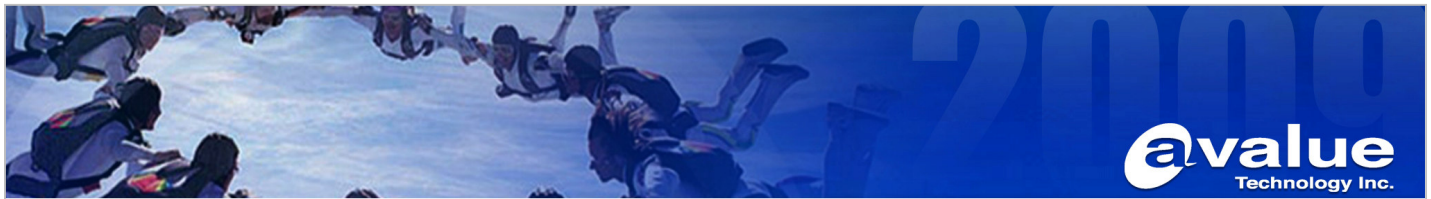
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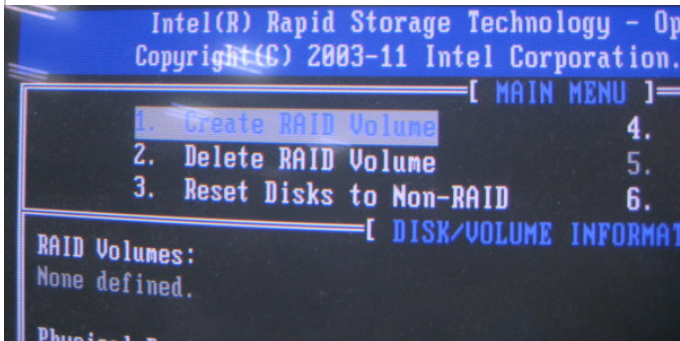
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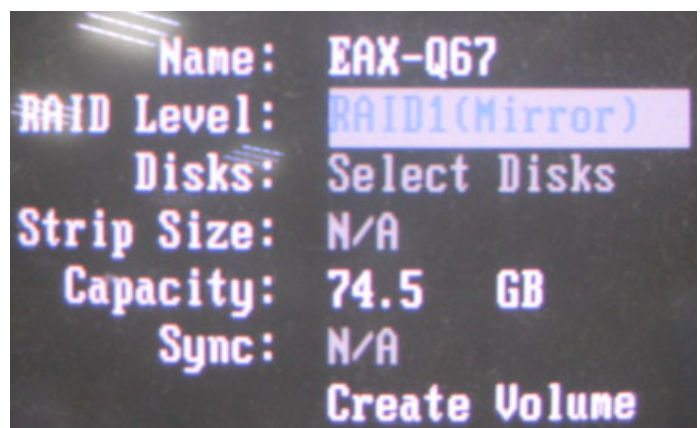
4. We have to choose the item1”Create RAID Volume” to create a RAID.



5. We will see a “CREATE VOLUME MENU” as below.



6. Create the RAID name and RAID Level(type). For example, name is “EAX-Q67”, and RAID Level is “RAID1(Mirror)”.



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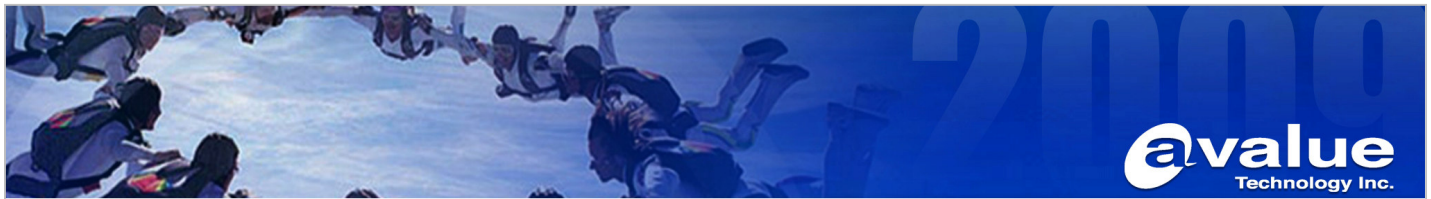
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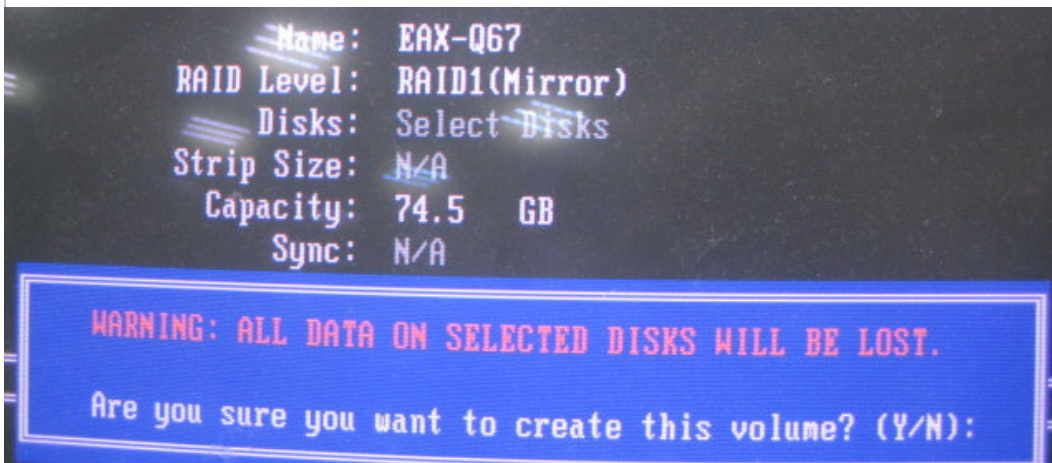
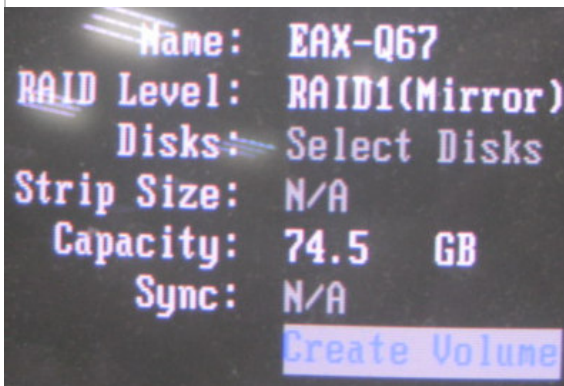
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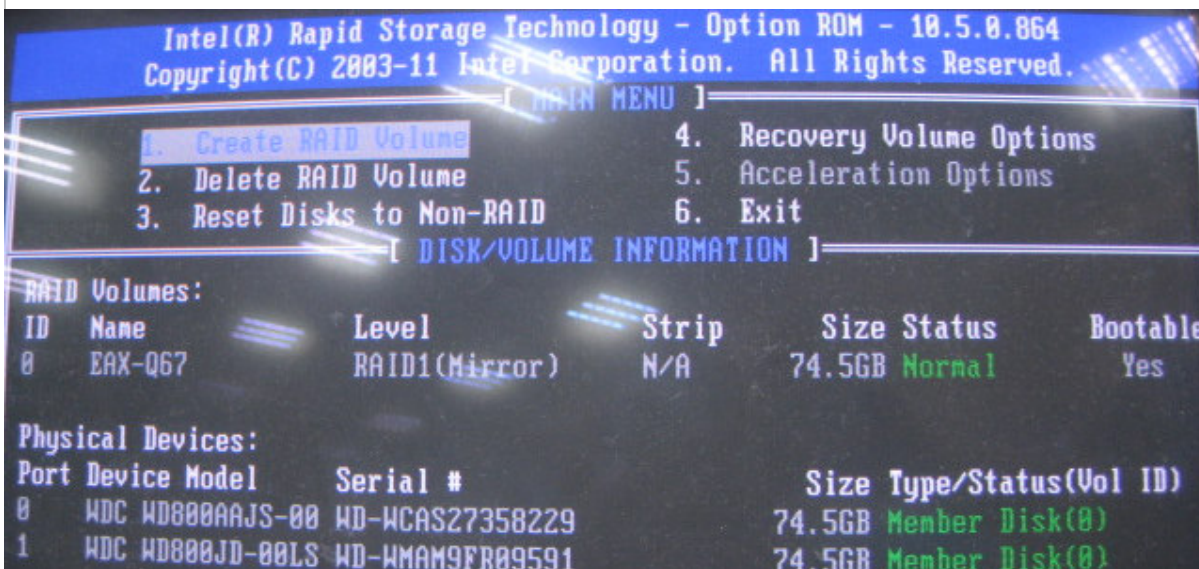
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7. In the end, choose "Create Volume" for Creation.



8. We will see that a "RAID1" is created as below, and then exit the RAID tool.



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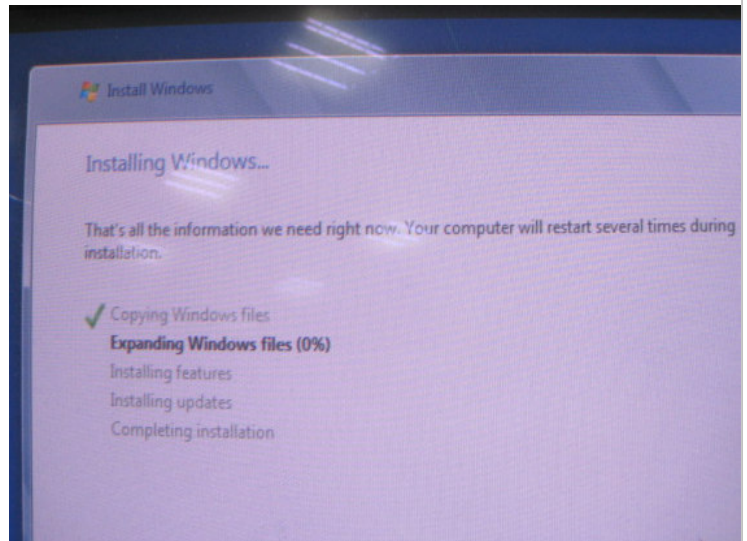
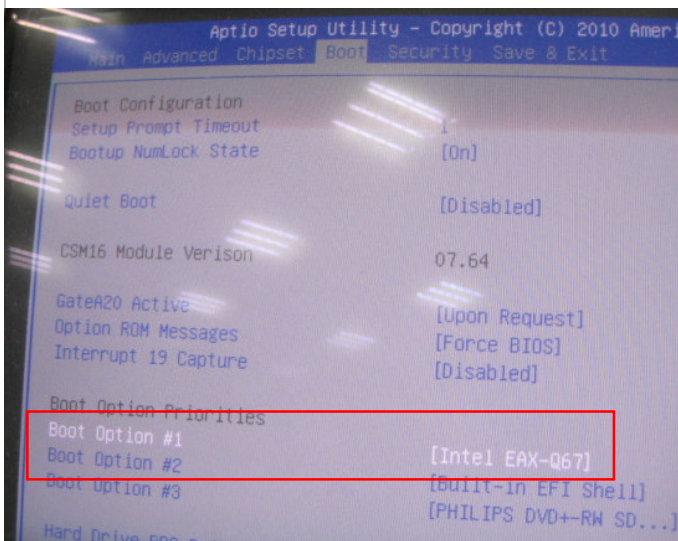
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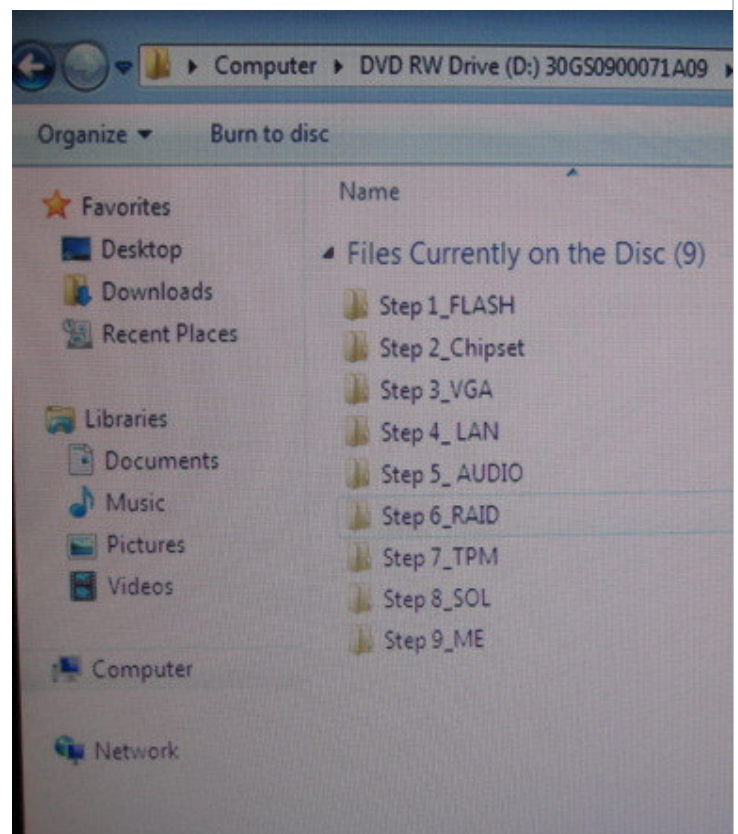
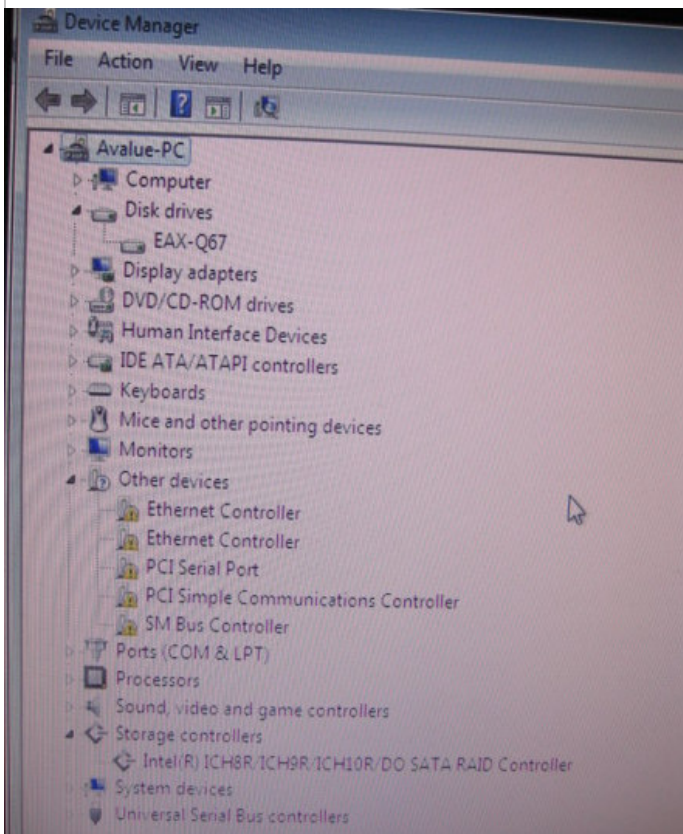
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9. Enter BIOS again, we will see that a new Boot Option appears as below, and we can start to install Windows7.



10. After Windows7 installation, it must be installed RAID driver, but Chipset driver should be first.



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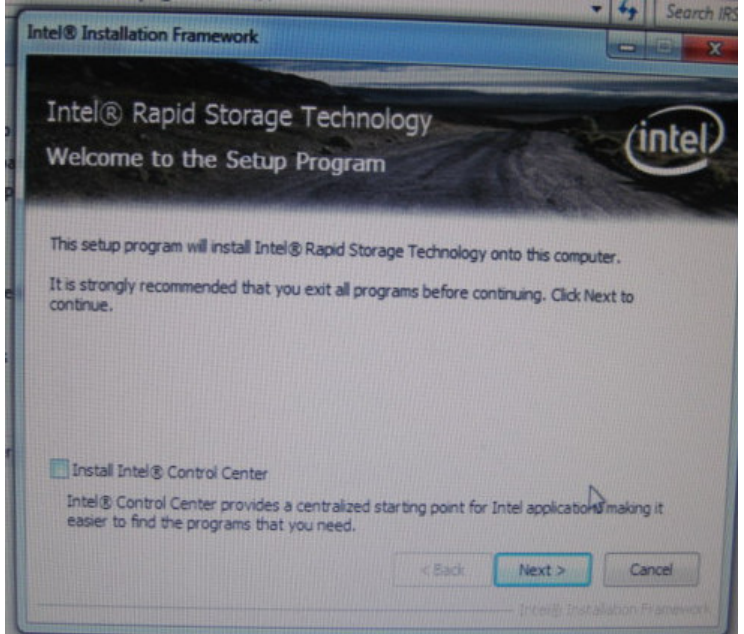
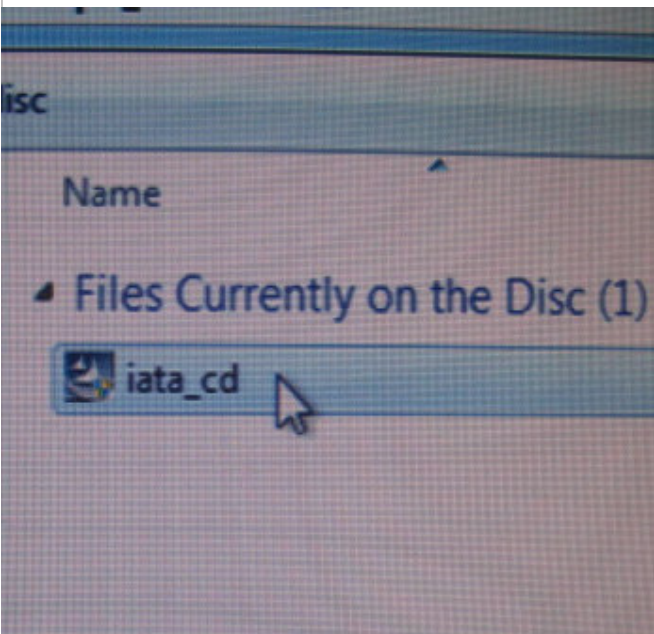
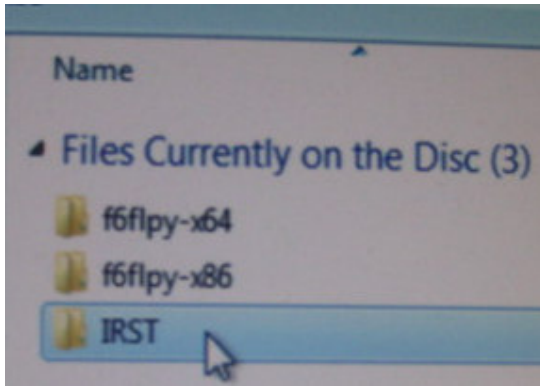
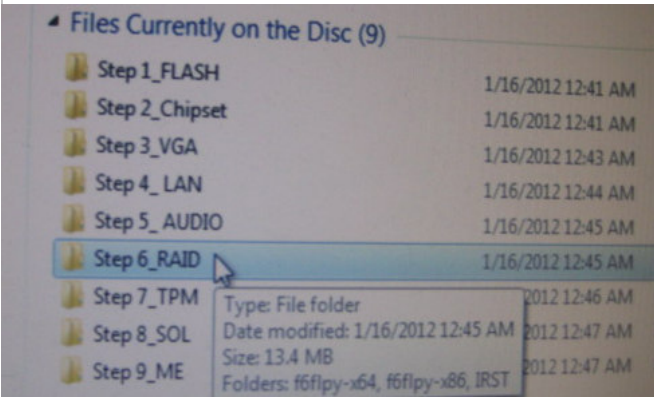
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11. Execute "iata_cd" to install "Intel Rapid Storage Technology" for RAID management.



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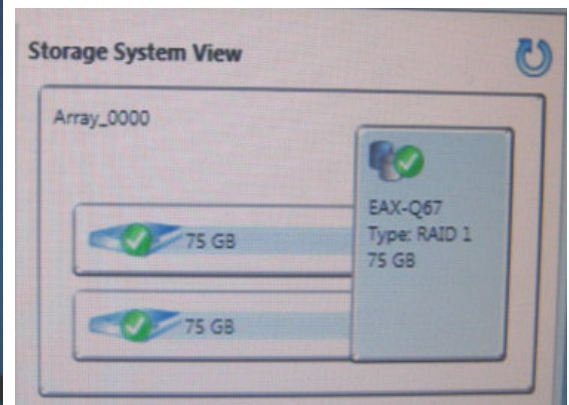
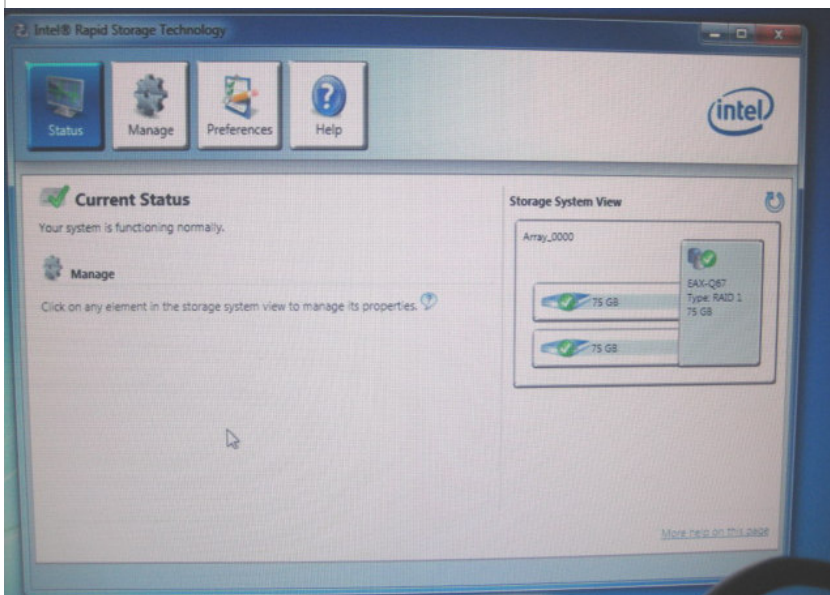
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12. After installation, we can launch “Intel Rapid Storage Technology” from “Start menu”.



13. In the end, we can see the RAID managing Tool as below, and display the RAID HD status.



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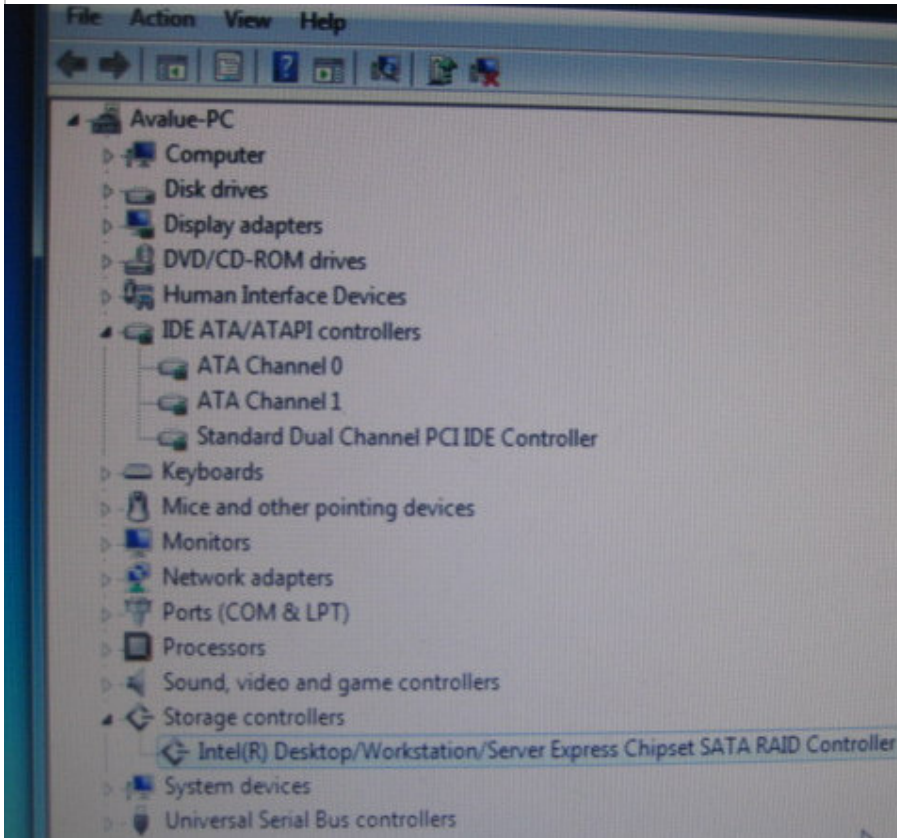
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14. The Storage controllers driver should be like below.



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Date :2012/6/25

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