

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 PC3-10	600 CL9



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





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.





Aptio Setup (Advanced	Jtility – Copyright (C) 2010 Amer
SATA Configuration	
SATA Mode	[RAID Mode]
SATA Port1 Hot Plug	WDC WD800AAJS- (80.0G [Disabled]
SATA Port2 Hot Plug	WDC WD800JD-00 (80.0G [Disabled]

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).



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





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



5. We will see a "CREATE VOLUME MENU" as below.

Copyright(C) 2003-11	Intel Corporation. All CREATE VOLUME MENU J	Rights Reserved.
Nane:		
Disks:	Select thisks	
Strip Size:	128KB	
Capacity: Sunc:	149.1 GB	
ugiio.	Create Volume	
	E HELP 1	
Enter a unique volume n	ame that has no special	characters and is

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

Name: RAID Level: Disks: Strip Size: Capacity: Sync:	EAX-Q67 RAID8(S Select 128KB 149.1 N/A Create	Stripe Disks GB Volume)	RAID L D Strip Capa	Name: evel: isks: Size: city: Sync:	EAX-Q6 Select N/A 74.5 N/A Create	7 (irror) Disks GB Volume
	Avalue Europe		Avalue LISA		/F, 228, Li BCM Advanced	an-Cheng Koad, Chung	Avalue China
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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.





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



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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.







14. The Storage controllers driver should be like below.



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