

How to make RAID 0 on Intel 600 motherboard



How to make RAID 0 with M.2 PCI-E hard disk on Intel 600 motherboard?

1. Please press "Delete" when the system POST, to enter BIOS.



2. Press "F7" to go to advance model.

	Advanced	-AN F6 Vi Chipset	vid Led DJ Boot	F7 EZ Mc Security	de Tweaker	Save & Exit
BIOS Inform Compliancy Project Com BIOS Versi BUID Date RAM Access Lev Memory Frei IMHZ XHP Profili 34 WH Profili			12698-4 2690GT4 269BC4(04/08/2 Adminis 8192 № 2133 №			++: Select Screen 1/Click: Select Item Enter/DDI Click: Select +/-: Change Opt. F1: General Help F3: Optimized Defaults F10: Save & Exit F11: Print Screen F12: BIOS Flash ESC/Right Click: Exit
AP System Lan, System Dat System Tim	9			nglish /13/2022] 08]		Choose the system default language



4. Set SATA Mode Selection to "RAID"

RA	ICING	F5 A.I F	-AN F6 Viv	id Led DJ	F7 EZ Mo	ode	
COL 1	Main	Advanced	Chipset	Boot	Security	Tweaker	Save & Exit
CPU	SATA Config SATA Contro SMART Self SATA Hot Pl Hybrid Stor SATA_1 SATA_2 SATA_2 SATA_3 SATA_3 SATA_4 SATA_5 SATA_5 SATA_7 SATA_7 SATA_7	uller(s) Helection Test ug age Detection and C	Configuration Mod	e D Empty	nabled RAID isabled isabled isabled N SA400 (120.00	38)	++: Select Screen 11/Click: Select Item Enter/Dbl Click: Select +/-: Change Opt. F1: General Help F3: Optimized Defaults F10: Save & Exit F11: Print Screen F12: BIOS Flash ESC/Right Click: Exit Determines how SATA
TEMP 58: Jun 13 -10:43:							controller(s) operate.

5. Press "F10" to Save & Exit

6. When the system boot on, go under BIOS-> Advanced ->Intel(R) Rapid Storage Technology.

Re	CING	F5 A.I F.	AN F6 Vi	vid Led DJ	F7 EZ Mo	ode	
СРИ	Main	Advanced	Chipset	Boot	Security	Tweaker	Save & Exit
Э098 МНZ 0.770+	 CPU Config SATA Config Thunderbol Trusted Configuration ACPI Setting 	guration t(TM) Configuration mputing ngs					++: Select Screen 14/Click: Select Item Enter/Obl Click: Select +/-: Change Opt. F1: General Help F3: Optimized Defaults
DRAM	 Hardware M PCI Subsys USB Config Network State NVMe Config 	tem Settings uration ack Configuration		×			Fio: Save & Exit Fi1: Print Screen Fi2: Blos Flash ESC/Right Click: Exit
ТЕМР	▶ Intel(R) R	apid Storage Technol	ogy				This formset allows the user to manage RAID volumes on the Intel(R) RAID
							Controller
60:							
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7. Go to Create RAID Volume.

RA	CING	F5 A.I F	AN F6 Vi	vid Led DJ	F7 EZ M	ode	
РЧ	Main	Advanced	Chipset	Boot	Security	Tweaker	Save & Exit
							++: Select Screen 14/Click: Select Item
нz	▶ Create RAID) Volume	_				Enter/Dbl Click: Select +/-: Change Opt.
							F1: General Help F3: Optimized Defaults
	PCIe 1.0, F	Nysical Disks: ℃Ie SSD 079418DE000					F10: Save & Exit F11: Print Screen
	▶ PCIe 2.0, S	Seagate BarraCuda 51	0 SSD ZP256CM30	011 7MS0079S	, 238.4GB		F12: BIOS Flash ESC/Right Click: Exit
1Z							
							This page allows you to create a RAID
							volume
7							
00							

8. Set the RAID Level to "RAID0 (Stripe)" and change both of the Disk options to

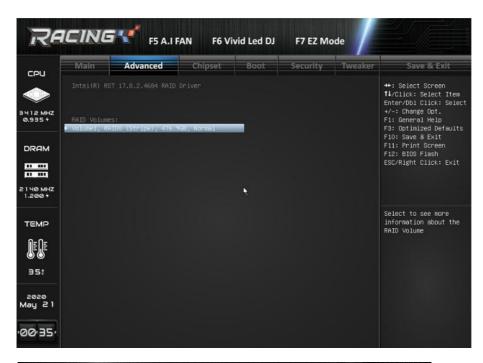




9. Select Create Volume.

Name: Volume1 11/Click: Select RAID0 Level: RAID0 (Stripe) +/-: Change Opt. Select Disks: F1: General Help PCIE 1.0, PCIE SSD 079418DE00001513, 238.4GB X F1: Several Help F3: Optimized Det PCIE 2.0, Seagate BarraCuda 510 SSD X ZP256CH30011 7M50079S, 238.4GB X	Main Advan	ced Chipse	t Boot	Security	Tweaker	Save & Exit
Name: Volume1 RAID0 Level: RAID0 (Stripe) Select Disks: RAID0 (Stripe) PCIe 1.0, PCIe SSD 07941BDE00001513, 238.46B X PCIe 2.0, Seagate BarraCuda 510 SSD X ZP256CM30011 7MS00795, 238.46B X Strip Size: 64KB Capacity (MB): 488392						++: Select Screen
Select Disks: F1: General Help PCIe 1.0, PCIe SSD 07941BDE00001513, 238.46B X PCIe 2.0, Seagate BarraCuda 510 SSD X ZP256CM30011 7HS0079S, 238.46B X Strip Size: 64KB Capacity (MB): 488392 Create Volume Create a volume the settings specified above	Name:		Volume1			Enter/Db1 Click: Select Item
Select Disks: PCIe 1.0, PCIe SD 07941B0E00001513, 238.468 X PCIe 2.0, Seagate BarraCuda 510 SSD X 2P256CM30011 7MS00795, 238.468 X Strip Size: Capacity (MB): Capacity (MB): Capacity (MB): Create Volume Create a volume Create a volume Create a volume	RAID Level:		RAIC	0 (Stripe)		
PCIe 1.0, PCIe SD 07941BDE00001513, 238.46B X F10: Save & Exit PCIe 2.0, Seagate BarraCuda 510 SD X F11: Print Screer ZP256CM30011 7M50079S, 238.46B 64KB 64KB 64KB 64KB 64KB 64KB 64KB 6	Select Dicket					
ZP256CM30011 7MS0079S, 238.4GB Strip Size: Capacity (MB): Create Volume Create a volume the settings		941BDE00001513, 238.	468			F10: Save & Exit
Strip Size: 64KB Capacity (MB): 488392 Create Volume Create a volume the settings				x		F11: Print Screen
Strip Size: 64KB Capacity (MB): 488392 • Create Volume Create a volume the settings	2P256CM30011 /MS00/9S,	, 238.468				ESC/Right Click: Exit
▶ Greate Volume Create a volume the settings				64KB		
Create a volume o the settings	Capacity (MB):		488392			
the settings	▶ Create Volume	_				
the settings						Conner o contrare colete

10. Then, enter the RAID Volume to check the details of RAID 0.



RF	ICING	F5 A.I I	FAN F6 Vi	vid Led DJ	F7 EZ Mo	ode	
сри	Main	Advanced	Chipset	Boot	Security	Tweaker	Save & Exit
							++: Select Screen ↑↓/Click: Select Item
3096 MHZ 0.770+	Volume Acti ▶ Delete						Enter/Dbl Click: Select +/-: Change Opt. F1: General Help F3: Optimized Defaults
DRAM	Name: RAID Level: Strip Size: Size:			Volume1 RAIDO (64KB 476.9GE			F10: Save & Exit F11: Print Screen F12: BIOS Flash ESC/Right Click: Exit
2 1 3 Ø MHZ				Normal Yes			LSO/REAL CITCK. EAL
1.233+ 		eagate FireCuda 520 NTEL SSDPEKKW256G7			465.7GB		
55:							
2022 E1 nuL							
1046							



11. After checking, press "F10" again to Save & Exit.

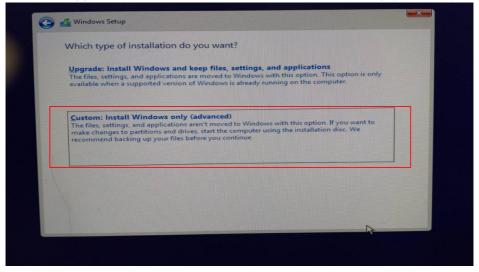
12. When the system reboot automatically, press "F9" to select the bootable device and start the installation of OS.



How to install the RAID controller driver during Windows OS installation?

1. Boot the computer via Windows installation disc. And follow the instruction on the screen to star installing the windows.

2. Choose a type of installation, click Custom: Install Windows only (advanced).





3. Choose Load Driver, then click Browse.

	Total size	Free space Type	
Drive 2 Unallocated Space	223.6 GB	223.6 GB	
Refresh Delete Load driver	Eormat	* Ngw	
			Next
🚱 🛃 Windows Setup			
Select the driver to insta	all		
Load driver			
Load driver To install the dev driver files, and t	ice driver for your drive		n media containing the
Load driver To install the dev driver files, and t	rice driver for your drive hen click OK.), DVD, or USB flash d	n media containing the
Load driver To install the dev driver files, and t	rice driver for your drive hen click OK. ation media can be a Cl	b, DVD, or USB flash d	n media containing the Irive.

You can go to the download page of your product on BIOSTAR website. Download the driver below Intel Rapid Storage Technology(RAID Mode) and save it to your USB flash drive.

	Products	Support	News Award	Event Whe	re to Buy About	Q LAI	NGUAGE 🗸 🔍
Operating System			Version	Date	File Size	Global	China
Windows 10 x64/ 11 x64			1.9.6.8	2021-10-27	8.05 MB	Download	Download
Windows 10 x64/ 11 x64			1.9.6.7	2021-03-08	5.12 MB	Download	Download
Intel Rapid Storage Technology(RAID Mode)							
Operating System			Version	Date	File Size	Global	China
Windows 10 x64/ 11 x64			19.0.0.1067.2	2021-10-27	9 MB	Download	Download
Intel SATA AHCI/RAID F6 Disk							
Operating System			Version	Date	File Size	Global	China
Windows 10 x64/ 11 x64			19.0.0.1067.2	2021-10-27	1.61 MB	Download	Download
RACING GT Utility							
Operating System			Version	Date	File Size	Global	China
Windows 10 x64/ 11 x64			3.12.2111.2900	2022-03-11	23.17 MB	Download	Download

4. Select VMD folder in your USB flash drive and click Next to finish the installation.

	to install	
	Browse for Folder	
	Browse to the driver, and then dick OK.	
	> UEFI_NTFS (D:)	
	The second	
	SetupRST production	
	Vindows10-x64	
	→ 15063 → Drivers	
	HsaComponent HsaExtension	
	VMD V	13
Hide drivers that		
	OK Cancel	



Select the driver to install
Intel RST VMD Controller 467F (E:\SetupRST\production\Windows10-x64\15063\Drivers\VMD\iaSt Intel RST VMD Managed Controller 09AB (E:\SetupRST\production\Windows10-x64\15063\Drivers