



Intel® Optane[™] Memory BIOS Settings

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In order to configure Intel Optane correctly following BIOS settings needs to be set on Vig880s.

- Intel® RST Premium with Intel® Optane System Acceleration (RAID).
- RST Pcie Storage Remapping
- 1. During POST press or <F2> key to enter BIOS setup.
- 2. Select Advanced Menu using the arrows keys
- 3. Select PCH Storage Configuration
- 4. Select SATA Mode Selection and select 'Intel® RST Premium with Intel® Optane System Acceleration (RAID)'
- 5. Select M.2_1 PCIE Storage RAID support and 'Select RST Controlled'
- 6. Press F10 to Save and Exit.

PCH Storage Configuration		Determines how SATA
	frank i adl	controller(s) operate.
SATA Controller(s)	[Enabled]	
	Hoceleration(KHID)]	
M.2_1 PCIE Storage RAID Support	[RST Controlled]	
Aggressive LPM Support	[DISabled]	
SMART Self Test	[Enabled]	
SATA66_1(Gray) SATA66_1(Gray SOTA66_1 (Gray SOTA65_1 Hotel RST Premium	—— SATA Mode Selection — n With Intel Optane System n	Acceleration(RAID)
SATA66_1(Gray) SATA66_1(Gray SATA66_1 Hot SATA66_2(Gray)	—— SATA Mode Selection — Muith Intel Optane System M	Acceleration(RAID)
SATA66_1(Gray) SATA66_1(Gray SATA66_1 Hot SATA66_2(Gray)	——————————————————————————————————————	Acceleration(RAID)
SATA66_1(Gray) SATA66_1(Gray) SATA66_1(Gray SATA66_1 Hot SATA66_2(Gray) SATA66_2(Gray)	SATA Mode Selection — M With Intel Optane System ((500.168) [Enabled]	Acceleration(RAID)
SATA66_1(Gray) SATA66_1(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2 Hot Plug	SATA Mode Selection — Muth Intel Optane System ((500,168) [Enabled] [Disabled]	Acceleration(RAID) Enter: Select +/-: Change Opt. F1: General Help
SATA66_1(Gray) SATA66_1(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray)	SATA Mode Selection — Mith Intel Optane System ((500.1GB) [Enabled] [Disabled] Empty	Acceleration(RAID) Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values
SATA66_1(Gray) SATA66_1(Gray) SATA66_1 Hot SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_3(Gray) SATA66_3(Gray)	SATA Mode Selection — M With Intel Optane System ((500.168) [Enabled] [Disabled] Empty [Enabled]	Acceleration(RAID) Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F5: Optimized Defaults
SATA66_1(Gray) SATA66_1(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_3(Gray)	SATA Mode Selection — Mith Intel Optane System ((500,168) (Enabled) [Disabled] Empty [Enabled] [Disabled]	Acceleration(RAID) Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F5: Optimized Defaults F10: Save & Exit
SATA66_1(Gray) SATA66_1(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_3(Gray)	SATA Mode Selection — Mith Intel Optane System ((500.1GB) [Enabled] [Disabled] Empty [Enabled] [Disabled] Empty [Enabled] Empty	Acceleration(RAID) Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F5: Optimized Defaults F10: Save & Exit ESC: Exit
SATA66_1(Gray) SATA66_1(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_4(Gray) SATA66_4(Gray)	SATA Mode Selection — M With Intel Optane System ((500.1GB) [Enabled] [Disabled] Empty [Enabled] [Disabled] Empty [Enabled] [Disabled]	Acceleration(RAID) Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F5: Optimized Defaults F10: Save & Exit ESC: Exit
SATA66_1(Gray) SATA66_1(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_2(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_3(Gray) SATA66_4(Gray) SATA66_4(Gray) SATA66_4(Gray) SATA66_4(Gray) SATA66_4(Gray)	SATA Mode Selection — Mith Intel Optane System ((500.168) [Enabled] [Disabled] Empty [Enabled] [Disabled] Empty [Enabled] [Disabled] [Disabled] Emptu	Acceleration(RAID) Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F5: Optimized Defaults F10: Save & Exit ESC: Exit

Figure 1 – SATA Mode Selection



Figure 2 – RST Pcie Storage Remapping