ASUS

How to use the list:

1 Locate your motherboard model

2 Check the CPU specifications to determine which PCIe slots are compatible with the MB842MP-B.

Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				Note
Brand	Chipset Brand	Chipset Model	Model	AMD Ryzen™ 1000 Series/ 2000 Series/ 3000 Series/ 5000 Series Processors Available PCIe slots	AMD Ryzen™ 5000 G-Series/ 4000 G-Series processors (only support PCIe Gen 3 SSDs) Available PCIe slots	AMD Ryzen™ 2000 G-Series/ 3000 G-Series processors Available PCIe slots		
ASUS	AMD	B450	ROG STRIX B450-E GAMING	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1		*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x16 mode, PCIEX16_2 will be disabled.
			ROG STRIX B450-F GAMING	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1		
			ROG STRIX B450-F GAMING II	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1		
			TUF GAMING B450-PLUS II	PCIEX16_1	X	PCIEX16_1		
			TUF B450-PRO GAMING	PCIEX16_1	X	PCIEX16_1		
			TUF B450-PLUS GAMING	PCIEX16_1	X	PCIEX16_1		
			TUF GAMING B450M-PRO S	PCIEX16_1	X	PCIEX16_1		
			TUF GAMING B450M-PRO II	PCIEX16_1	X	PCIEX16_1		
			TUF B450M-PRO GAMING	PCIEX16_1	X	PCIEX16_1		
			TUF GAMING B450M-PLUS II	PCIEX16_1	X	PCIEX16_1		
			TUF B450M-PLUS GAMING	PCIEX16_1	X	PCIEX16_1		
			PRIME B450-PLUS	PCIEX16_1	X	PCIEX16_1		
			PRIME B450M-A II	X	X	PCIEX16_1		
			PRIME B450M-A	X	X	PCIEX16_1		
			PRIME B450M-K II	X	X	PCIEX16_1		
			PRIME B450M-K	X	X	PCIEX16_1		
			B450M-DRAGON	X	X	PCIEX16_1		
			ROG STRIX B450-I GAMING	X	X	PCIEX16_1		

Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				Note
Brand	Chipset Brand	Chipset Model	Model	AMD Ryzen™ 3000 Series/ 5000 Series Processors (Support PCIe Gen 4 SSDs) Available PCIe slots	AMD Ryzen™ 5000 G-Series/ 4000 G-Series processors (only support PCIe Gen 3 SSDs) Available PCIe slots			
ASUS	AMD	B550	ROG STRIX B550-E GAMING	PCIEX16_1 PCIEX16_2	PCIEX16_2			*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x16 mode, PCIEX16_2 will be disabled.
			ROG STRIX B550-XE GAMING WIFI	PCIEX16_1 PCIEX16_2	PCIEX16_2			
			ProART B550-Creator	PCIEX16_1 PCIEX16_2	PCIEX16_2			
			ROG STRIX B550-F GAMING (WI-FI)	PCIEX16_1	X			
			ROG STRIX B550-A GAMING	PCIEX16_1	X			
			TUF GAMING B550-PLUS WI-FI II	PCIEX16_1	X			
			TUF GAMING B550-PLUS (WI-FI)	PCIEX16_1	X			
			TUF GAMING B550-PLUS II	PCIEX16_1	X			
			TUF GAMING B550-PLUS	PCIEX16_1	X			
			TUF GAMING B550-PRO	PCIEX16_1	X			
			PRIME B550-PLUS	PCIEX16_1	X			
			Pro B550M-C/CSM	PCIEX16_1	X			
			TUF GAMING B550M-ZAKU (WI-FI)	PCIEX16_1	X			
			TUF GAMING B550M-PLUS (WI-FI)	PCIEX16_1	X			
			TUF GAMING B550M-PLUS	PCIEX16_1	X			
			PRIME B550M-A (WI-FI)	X	X			
			PRIME B550M-A AC	X	X			
			PRIME B550M-A	X	X			
			PRIME B550M-K	X	X			
			ROG STRIX B550-I GAMING	X	X			

Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				Note
Brand	Chipset Brand	Chipset Model	Model	AMD Ryzen™ 7000 Series Desktop Processors Available PCIe slots				
ASUS	AMD	B650	ROG STRIX B650E-E GAMING WIFI	PCIEX16_1				
			ProArt B650-CREATOR	PCIEX16_1 PCIEX16_2				*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x16 mode, PCIEX16_2 will be disabled.
			ROG STRIX B650E-F GAMING WIFI	PCIEX16_1				
			ROG STRIX B650-A GAMING WIFI	PCIEX16_1				
			TUF GAMING B650-PLUS WIFI	PCIEX16_1				
			TUF GAMING B650-PLUS	PCIEX16_1				
			TUF GAMING B650M-PLUS WIFI	PCIEX16_1				
			TUF GAMING B650M-PLUS	PCIEX16_1				
			PRIME B650-PLUS	PCIEX16_1				
			Pro B650M-CT-CSM	PCIEX16_1				
			PRIME B650M-A WIFI II	PCIEX16_1				
			PRIME B650M-A WIFI	PCIEX16_1				
			PRIME B650M-A II	PCIEX16_1				
			PRIME B650M-A	PCIEX16_1				
			PRIME B650M-A AX II	PCIEX16_1				
			PRIME B650M-A AX	PCIEX16_1				
			ROG STRIX B650E-I GAMING WIFI	PCIEX16_1				
			TUF GAMING B650M-E WIFI	PCIEX16_1				
			TUF GAMING B650M-E	PCIEX16_1				
			PRIME B650M-K	PCIEX16_1				
			ROG STRIX B650E-I GAMING WIFI	PCIEX16_1				
			TUF GAMING B650M-E WIFI	PCIEX16_1				
			TUF GAMING B650M-E	PCIEX16_1				
			PRIME B650M-K	PCIEX16_1				

Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				Note
Brand	Chipset Brand	Chipset Model	Model	1st Gen AMD Ryzen™ Threadripper™ Processors (Support PCIe Gen 3 SSDs) Available PCIe slots	2nd Gen AMD Ryzen™ Threadripper™ Processors (Support PCIe Gen 3 SSDs) Available PCIe slots			
ASUS	AMD	X399	ROG STRIX X399-E GAMING	PCIeX16_1 PCIeX16_2 PCIeX16_3 PCIeX16_4	PCIeX16_1 PCIeX16_2 PCIeX16_3 PCIeX16_4			
			PRIME X399-A	PCIeX16_1 PCIeX16_2 PCIeX16_3 PCIeX16_4	PCIeX16_1 PCIeX16_2 PCIeX16_3 PCIeX16_4			
			ROG ZENITH EXTREME	PCIeX16_1 PCIeX16_2 PCIeX16_3 PCIeX16_4	PCIeX16_1 PCIeX16_2 PCIeX16_3 PCIeX16_4			

Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				Note
Brand	Chipset Brand	Chipset Model	Model	AMD Ryzen™ 1000 Series/ 2000 Series/ 3000 Series/5000 Series Processors Available PCIe slots	AMD Ryzen™ 5000 G-Series/ 4000 G-Series processors Available PCIe slots	AMD Ryzen™ 2000 G-Series/ 3000 G-Series/ 7th Generation A-Series/ Athlon X4 Series processors Available PCIe slots		
ASUS	AMD	X470	CROSSHAIR VII HERO	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1		*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x16 mode, PCIEX16_2 will be disabled.
			CROSSHAIR VII HERO (Wi-Fi)	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1		
			ROG STRIX X470-F GAMING	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1		

			PRIME X470-PRO	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1		
			TUF X470-PLUS GAMING	PCIEX16_1	X	PCIEX16_1		
			ROG STRIX X470-I GAMING	X	X	PCIEX16		
Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				
Brand	Chipset Brand	Chipset Model	Model	AMD Ryzen™ 3000 Series/ 5000 Series Processors (Support PCIe Gen 4 SSDs) Available PCIe slots	AMD Ryzen™ 2000 Series processors (only support PCIe Gen 3 SSDs) Available PCIe slots	AMD Ryzen™ 5000 G-Series/ 4000 G-Series processors (only support PCIe Gen 3 SSDs) Available PCIe slots	AMD Ryzen™ 2000 G-Series/ 3000 G-Series processors (only support PCIe Gen 3 SSDs) Available PCIe slots	Note
ASUS	AMD	X570	ROG Crosshair VIII Extreme	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x16 mode, PCIEX16_2 will be disabled.
			ROG Crosshair VIII Dark Hero	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x16 mode, PCIEX16_2 will be disabled.
			ROG Crosshair VIII Formula	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	
			ROG Crosshair VIII Hero	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	
			ROG Crosshair VIII Hero (WI-FI)	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	
			ROG STRIX X570-E GAMING II	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	
			ROG STRIX X570-E GAMING	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	
			ROG STRIX X570-F GAMING	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	
			Pro WS X570-ACE	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	
			ProArt X570-Creator WIFI	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	
			PRIME X570-PRO	PCIEX16_1 PCIEX16_2	PCIEX16_1 PCIEX16_2	PCIEX16_2	PCIEX16_1	
			TUF GAMING X570-PLUS(WI-FI)	PCIEX16_1	PCIEX16_1	X	PCIEX16_1	
			TUF GAMING X570-PLUS	PCIEX16_1	PCIEX16_1	X	PCIEX16_1	
			TUF GAMING X570-PRO WIFI II	PCIEX16_1	PCIEX16_1	X	PCIEX16_1	
			TUF GAMING X570-PRO (WI-FI)	PCIEX16_1	PCIEX16_1	X	PCIEX16_1	
			PRIME X570-P	PCIEX16_1	PCIEX16_1	X	PCIEX16_1	
			ROG Crosshair VIII Impact	X	X	X	X	
			ROG Strix X570-I Gaming	X	X	X	X	
Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				
Brand	Chipset Brand	Chipset Model	Model	AMD Ryzen™ 7000 Series Desktop Processors Available PCIe slots				Note
ASUS	AMD	X670	ROG CROSSHAIR X670E EXTREME	PCIEX16_1 PCIEX16_2				*PCIEX16_2 shares bandwidth with PCIEX16_1 and M.2_2. When PCIEX16_1 runs at PCIe x16 mode or M.2_2 is used, PCIEX16_2 will be disabled.
			ROG CROSSHAIR X670E HERO	PCIEX16_1 PCIEX16_2				*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x16 mode, PCIEX16_2 will be disabled.
			ROG STRIX X670E-E GAMING WIFI	PCIEX16_1				
			ProArt X670E-CREATOR WIFI	PCIEX16_1 PCIEX16_2				*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x16 mode, PCIEX16_2 will be disabled.
			ROG STRIX X670E-F GAMING WIFI	PCIEX16_1				
			ROG STRIX X670E-A GAMING WIFI	PCIEX16_1				
			TUF GAMING X670E-PLUS WIFI	PCIEX16_1				
			TUF GAMING X670E-PLUS	PCIEX16_1				
			PRIME X670E-PRO WIFI	PCIEX16_1				
			PRIME X670-P WIFI	PCIEX16_1				
			PRIME X670-P	PCIEX16_1				
Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				
Brand	Chipset Brand	Chipset Model	Model	AMD Ryzen™ 7000 Series Desktop Processors Available PCIe slots				Note
ASUS	AMD	A620	TUF GAMING A620-PRO WIFI	PCIEX16_1				
			PRIME A620-PLUS WIFI	PCIEX16_1				
			TUF GAMING A620M-PLUS WIFI	PCIEX16				
			TUF GAMING A620M-PLUS	PCIEX16				
			PRIME A620M-A	PCIEX16				
			PRIME A620M-E	PCIEX16				
			PRIME A620M-K	PCIEX16				
			Pro A620M-C-CSM	PCIEX16				
Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				
Brand	Chipset Brand	Chipset Model	Model	AMD Ryzen™ Threadripper™ PRO Series Processors Available PCIe slots				Note
ASUS	AMD	WRX80	Pro WS WRX80-SAGE SE WIFI	PCIeX16_1 PCIeX16_2 PCIeX16_3 PCIeX16_4 PCIeX16_5 PCIeX16_6 PCIeX16_7				
			Pro WS WRX80-SAGE SE WIFI II	PCIeX16_1 PCIeX16_2 PCIeX16_3 PCIeX16_4 PCIeX16_5 PCIeX16_6 PCIeX16_7				
Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				
Brand	Chipset Brand	Chipset Model	Model	AMD Socket sTR5 for Ryzen™ Threadripper™ PRO 7000 WX-Series Available PCIe slots				Note
ASUS	AMD	TRX50	Pro WS TRX50-SAGE WIFI	PCIEX16_1 PCIEX16_2 PCIEX16_3				
Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				
Brand	Chipset Brand	Chipset Model	Model	AMD Socket sTR5 for Ryzen™ Threadripper™ PRO 7000 WX-Series Available PCIe slots				Note
ASUS	AMD	WRX90	Pro WS WRX90E-FAGE SE	PCIEX16(G5)_1 PCIEX16(G5)_2 PCIEX16(G5)_3 PCIEX16(G5)_4 PCIEX16(G5)_5 PCIEX16(G5)_6 PCIEX16(G5)_7				
Motherboard				PCIe bifurcation in PCIe x16 slot (Support PCIe Gen 4 SSDs)				
Brand	Chipset Brand	Chipset Model	Model	Available PCIe slots				Note
ASUS	Intel	W480	Pro WS W480-ACE	PCIEX16_2				*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x8 or x16
	Intel	W680	Pro WS W680-ACE IPMI	X				
			Pro WS W680-ACE	X				
			ROG MAXIMUS XII FORMULA	PCIEX16_2				*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x8 or x16 mode, PCIEX16_2 will be disabled.
			ROG MAXIMUS XII APEX	PCIEX16_2				
			ROG STRIX Z490-E GAMING	PCIEX16_2				
			ROG STRIX Z490-F GAMING	PCIEX16_2				
			PRIME Z490-A	PCIEX16_2				

	Intel	Z490	ProArt Z490-CREATOR 10G	PCIEX16_2				
			ROG MAXIMUS XII HERO (WI-FI)	PCIEX16_3				*PCIEX16_3 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x8 or x16 mode, PCIEX16_3 will be disabled.
			ROG STRIX Z490-H GAMING	PCIEX16_3				
			ROG STRIX Z490-A GAMING	PCIEX16_3				
			ROG STRIX Z490-G GAMING (WI-FI)	X				
			ROG STRIX Z490-G GAMING	X				
			ROG STRIX Z490-I GAMING	X				
			PRIME Z490-P	X				
			PRIME Z490-V	X				
			PRIME Z490M-PLUS	X				
			TUF GAMING Z490-PLUS (WI-FI)	X				
			TUF GAMING Z490-PLUS	X				

Motherboard				PCIe bifurcation in PCIe x16 slot				Note
Brand	Chipset Brand	Chipset Model	Model	Available PCIe slots				
ASUS	Intel	Z590	ROG Maximus XIII Hero	PCIEX16_2				*PCIEX16_2 shares bandwidth with PCIEX16_1. When PCIEX16_1 runs at PCIe x16 mode, PCIEX16_2 will be disabled.
			ROG Strix Z590-E Gaming	PCIEX16_2				
			ROG STRIX Z590-F GAMING WIFI	X				
			ROG Maximus XIII APEX	PCIEX16_1 PCIEX16_2				*PCIEX16_1 and PCIEX16_2 shares bandwidth with M.2_2. When M.2_2 runs at PCIe x4 mode, PCIEX16_1 will run at PCIe x8 mode and PCIEX16_2 will run at PCIe x4 mode.
			PRIME Z590-A	X				
			ROG STRIX Z590-A GAMING WIFI	X				
			PRIME Z590-P	X				
			PRIME Z590-P WIFI	X				
			PRIME Z590-V	X				
			PRIME Z590M-PLUS	X				
			TUF GAMING Z590-PLUS	X				
			TUF GAMING Z590-PLUS WIFI	X				
			ROG STRIX Z590-I GAMING WIFI	X				

Motherboard				PCIe bifurcation in PCIe x16 slot				Note
Brand	Chipset Brand	Chipset Model	Model	Available PCIe slots				
ASUS	Intel	Z690	ROG MAXIMUS Z690 EXTREME GLACIAL	X				
			ROG MAXIMUS Z690 EXTREME	X				
			ROG MAXIMUS Z690 FORMULA	X				
			ROG MAXIMUS Z690 APEX	X				
			ROG MAXIMUS Z690 HERO	X				
			ProArt Z690-Creator WIFI	X				
			ROG STRIX Z690-E GAMING WIFI	X				
			ROG STRIX Z690-F GAMING WIFI	X				
			ROG STRIX Z690-G GAMING WIFI	X				
			ROG STRIX Z690-A GAMING WIFI D4	X				
			ROG STRIX Z690-I GAMING WIFI	X				
			PRIME Z690-A	X				
			PRIME Z690-P	X				
			PRIME Z690-P WIFI	X				
			PRIME Z690-P D4	X				
			PRIME Z690-P WIFI D4	X				
			PRIME Z690M-PLUS D4	X				
			TUF GAMING Z690-PLUS WIFI D4	X				
			TUF GAMING Z690-PLUS D4	X				
	Intel	Z790	ROG MAXIMUS Z790 HERO	PCIEX16(G4)				
			ROG STRIX Z790-E GAMING WIFI	X				
			ROG STRIX Z790-E GAMING WIFI II	X				
			ROG STRIX Z790-F GAMING WIFI	X				
			ROG STRIX Z790-F GAMING WIFI II	X				
			ROG STRIX Z790-A GAMING WIFI	X				
			ROG STRIX Z790-A GAMING WIFI II	X				
			ROG STRIX Z790-A GAMING WIFI D4	X				
			ROG STRIX Z790-H GAMING WIFI	X				
			PROART Z790-CREATOR WIFI	X				
			PRIME Z790M-PLUS D4	X				
			TUF GAMING Z790-PLUS WIFI D4	X				
			TUF GAMING Z790-PLUS D4	X				
			PRIME Z790-P PLUS WIFI	X				
			PRIME Z790-P WIFI	X				
			PRIME Z790-P	X				
			PRIME Z790-P D4	X				
			PRIME Z790-P WIFI D4	X				
			PRIME Z790-A WIFI	X				
	Intel	H770	TUF GAMING H770-PRO WIFI	X				
			PRIME H770-PLUS D4	X				

Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				Note
Brand	Chipset Brand	Chipset Model	Model	W-3400 processors (112-lane) Available PCIe slots	W-2400 processors (64-lane) Available PCIe slots			
ASUS	Intel	W790	Pro WS W790E-SAGE SE	PCIEX16(G5)_1 PCIEX16(G5)_2 PCIEX16(G5)_3 PCIEX16(G5)_4 PCIEX16(G5)_5 PCIEX16(G5)_6 PCIEX16(G5)_7	PCIEX16(G5)_1 PCIEX16(G5)_3 PCIEX16(G5)_5 PCIEX16(G5)_7			
			Pro WS W790-ACE	PCIEX16(G5)_1 PCIEX16(G5)_2 PCIEX16(G5)_3 PCIEX16(G5)_4 PCIEX16(G5)_5	PCIEX16(G5)_1 PCIEX16(G5)_2 PCIEX16(G5)_3 PCIEX16(G5)_4 PCIEX16(G5)_5			*PCIEX16_4 shares bandwidth with PCIEX16_5. When PCIEX16_5 runs at PCIe x16 mode, PCIEX16_4 will be disabled.

ASRock

How to use the list:

1 Locate your motherboard model

2 Check the CPU specifications to determine which PCIe slots are compatible with the MB842MP-B.

Motherboard				PCIe bifurcation in PCIe x16 slot				BIOS ver.
Brand	Chipset Brand	Chipset Model	Model					
ASRock	AMD	X399	X399 Taichi	PCIE4				P1.90
			Fatal1ty X399 Professional Gaming	PCIE4				P1.90
			X399M Taichi	PCIE2				P1.00
			X399 Phantom Gaming 6	All				P1.10
	AMD	TRX40	TRX40 Taichi	PCIE1 PCIE3 PCIE4				-
			TRX40 Creator	PCIE1 PCIE3				-
	AMD	WRX80	WRX80 Creator	PCIE1 PCIE2 PCIE3 PCIE5 PCIE7				All
			WRX80 Creator R2.0	PCIE1 PCIE2 PCIE3 PCIE4 PCIE5 PCIE6 PCIE7				All
	AMD	X670	X670E Taichi Carrara	PCIE1				-
			X670E Taichi	PCIE1				-
			X670E Steel Legend	PCIE1				-
			X670E Pro RS	PCIE1				-
			X670E PG Lightning	PCIE1				-
	AMD	B650	B650E Taichi	PCIE1				-
			B650E Steel Legend WiFi	PCIE1				-
			B650E PG Riptide WiFi	PCIE1				-
			B650E PG-ITX WiFi	PCIE1				-

Motherboard				PCIe bifurcation in PCIe x16 slot				BIOS ver.
Brand	Chipset Brand	Chipset Model	Model	48-lane CPU	44-lane CPU	Less than 44-lane CPU		
ASRock	Intel	X299	X299 Creator	PCIE1 PCIE3	PCIE1 PCIE3	PCIE1		-
			X299 Taichi CLX	PCIE1 PCIE3	PCIE1 PCIE3	PCIE1		-
			X299 Steel Legend	PCIE1 PCIE3	PCIE1 PCIE3	PCIE1		-
			X299 OC Formula	PCIE1 PCIE5	PCIE1 PCIE5	PCIE1		P1.20
			X299 Taichi XE	PCIE1 PCIE3	PCIE1 PCIE3	PCIE1		P1.00
			X299 Taichi	PCIE1 PCIE3	PCIE1 PCIE3	PCIE1		P1.70
			Fatal1ty X299 Professional Gaming i9 XE	PCIE1 PCIE3	PCIE1 PCIE3	PCIE1		P1.00
			Fatal1ty X299 Professional Gaming i9	PCIE1 PCIE3	PCIE1 PCIE3	PCIE1		P1.50
			Fatal1ty X299 Gaming K6	PCIE1 PCIE3	PCIE1 PCIE3	PCIE1		P1.40
			X299 Extreme4	PCIE2 PCIE3	PCIE2 PCIE3	PCIE2		P1.00
			X299M Extreme4	PCIE1 PCIE2	PCIE1 PCIE2	PCIE1		P1.00
			X299 Killer SLI/ac	PCIE1 PCIE3	PCIE1 PCIE3	PCIE1		P1.40
	Intel	W790	W790 WS	PCIE1 PCIE3	PCIE1 PCIE3	N/A		-

AORUS

How to use the list:

1 Locate your motherboard model

2 Check the CPU specifications to determine which PCIe slots are compatible with the MB842MP-B.

Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				BIOS ver.
Brand	Chipset Brand	Chipset Model	Model	48-lane CPU	44-lane CPU	28-lane CPU		
AORUS	Intel	X299X	X299X AORUS XTREME Waterforce	PCIEX16_1 PCIEX16_2 PCIEX16_3	PCIEX16_1 PCIEX16_2	PCIEX16_1		All
			X299X AORUS MASTER	PCIEX16_1 PCIEX16_2 PCIEX16_3	PCIEX16_1 PCIEX16_2	PCIEX16_1		All
			X299X DESIGNARE 10G	PCIEX16_1 PCIEX16_2 PCIEX16_3	PCIEX16_1 PCIEX16_2	PCIEX16_1		All
	Intel	X299	X299 UD4 Pro	PCIEX16_2	PCIEX16_2	X		F7a and newer ones
			X299 AORUS Gaming3 Pro	PCIEX16_2	PCIEX16_2	X		F5C and newer ones
			X299 AORUS Gaming3	PCIEX16_2	PCIEX16_2	X		F8K and newer ones
			X299 AORUS Gaming7	PCIEX16_2	PCIEX16_2	X		F9o and newer ones
			X299 AORUS Gaming7 Pro	PCIEX16_2	PCIEX16_2	X		F3m and newer ones
			X299 AORUS Gaming9	PCIEX16_2	PCIEX16_2	X		F8l and newer ones
			X299 AORUS Ultra Gaming	PCIEX16_2	PCIEX16_2	X		F5m and newer ones
			X299 AORUS Ultra Gaming Pro	PCIEX16_2	PCIEX16_2	X		F4l and newer ones
			X299 UD4	PCIEX16_2	PCIEX16_2	X		F6m and newer ones
			X299 UD4EX	PCIEX16_2	PCIEX16_2	X		F4k and newer ones
			X299 DESIGNAREEX	PCIEX16_2	PCIEX16_2	X		F7a and newer ones

Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				BIOS ver.
Brand	Chipset Brand	Chipset Model	Model					
AORUS	AMD	X399	X399 AORUS Gaming 7	PCIEX16_1 PCIEX16_2				F12h and newer ones
			X399 DESIGNARE EX	PCIEX16_1 PCIEX16_2				F12h and newer ones
			X399 AORUS XTREME	PCIEX16_1 PCIEX16_2				F12h and newer ones
			X399 AORUS PRO	PCIEX16_1 PCIEX16_2				F12h and newer ones

Motherboard				PCIe bifurcation settings in PCIe x16 slots with different CPUs				BIOS ver.
Brand	Chipset Brand	Chipset Model	Model	3st Gen AMD Ryzen™ Processors (Support PCIe Gen 4 SSDs)	2st Gen AMD Ryzen™ Processors (Support PCIe Gen 3 SSDs)	2nd Generation AMD Ryzen™ with Radeon™ Vega Graphics processors/AMD Ryzen™ with Radeon™ Vega Graphics processors		
AORUS	AMD	X570	X570 AORUS XTREME	PCIEX16	PCIEX16	X		All
			X570 AORUS MASTER	PCIEX16	PCIEX16	X		All
			X570 AORUS ULTRA	PCIEX16	PCIEX16	X		All
			X570 AORUS PRO WIFI	PCIEX16	PCIEX16	X		All
			X570 AORUS Elite	PCIEX16	PCIEX16	X		All
			X570 Gaming X	PCIEX16	PCIEX16	X		All
			X570 UD	PCIEX16	PCIEX16	X		All