



AM5 PCIe/M.2 Bandwidth Table

The availability of expansion slots varies by CPU. Please refer to the PCIe/M.2 Bandwidth Table below for more information.

Chipset	Model	CPU Series	PCIe x16 Slot	M.2 Socket / PCIe Slot	
X670E	X670E Taichi Carrara X670E Taichi X670E Steel Legend X670E Pro RS X670E PG Lightning	Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen5 x16	M2_1 Gen5 x4	
		Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	
		Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x2	
B650E/B650	B650E Taichi B650E Taichi Lite B650E Steel Legend WiFi B650E PG Riptide WiFi B650E PG-ITX WiFi	Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen5 x16	M2_1 Gen5 x4	
		Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	
		Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x2	
	B650 Steel Legend WiFi	Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen5 x16	M2_1 Gen5 x4	M2_3 Gen4 x4
		Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	M2_3 Gen4 x4
		Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x4	M2_3 Gen4 x2
	B650 LiveMixer B650 Pro RS B650 PG Lightning B650M PG Riptide WiFi B650M PG Riptide B650M Pro RS WiFi B650M Pro RS B650M PG Lightning WiFi B650M PG Lightning B650M-HDV/M.2 B650M-H/M.2+ B650M-C B650I Lightning WiFi	Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen4 x16	M2_1 Gen5 x4	
		Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	
		Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x2	
A620	A620M Pro RS WiFi A620M Pro RS A620M-HDV/M.2+ A620M-HDV/M.2	Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen4 x16	M2_1 Gen4 x4	
		Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	
		Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x2	
	A620I Lightning WiFi	Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen4 x16	M2_1 Gen4 x4	
		Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	
		Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x4	
	A620M-C	Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen4 x16	PCIe2 Gen3 x1	PCIe3 Gen3 x1
		Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	PCIe2 Gen3 x1	PCIe3 Gen3 x1
		Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	PCIe2 Disabled	PCIe3 Disabled
	X870E/X870E	X870E Taichi X870E Taichi Lite X870E Nova WiFi X870 Riptide WiFi X870 Steel Legend WiFi X870 Pro RS X870 Pro RS WiFi	Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen5 x16	M2_1 Gen5 x4
Ryzen™ 8000 Series (Phoenix 1)			PCIe1 Gen4 x8	M2_1 Gen4 x4	
Ryzen™ 8000 Series (Phoenix 2)			PCIe1 Gen4 x4	M2_1 Gen4 x4	

Chipset	Model	CPU Series	PCIe x16 Slot	M.2 Socket / PCIe Slot		
B850	B850M Pro-A WiFi B850M Pro-A B850M Pro RS WiFi White B850M Pro RS WiFi B850M Pro RS B850M Pro Plus WiFi B850M Riptide WiFi B850M Steel Legend WiFi	Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen5 x16	M2_1 Gen5 x4		
		Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4		
		Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x2		
	B850I Lightning WiFi		Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen5 x16	M2_1 Gen5 x4	
			Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	
			Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x4	
	B850 Pro-A WiFi B850 Pro-A B850 Pro RS WiFi B850 Pro RS B850 Riptide WiFi B850 Steel Legend WiFi B850 LiveMixer WiFi B850M-A B850M Challenger WiFi White B850M Challenger WiFi B850M Challenger B850M Rock WiFi B850M-X WiFi R2.0 B850M-X R2.0		Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen5 x16	M2_1 Gen5 x4	M2_2 Gen4 x4
			Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	M2_2 Gen4 x4
			Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x4	M2_2 Gen4 x2
	B850M-X WiFi B850M-X		Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen4 x16	M2_1 Gen5 x4	M2_2 Gen4 x4
			Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	M2_2 Gen4 x4
			Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x4	M2_2 Gen4 x2
	B850 Challenger WiFi White B850 Challenger WiFi B850 Rock WiFi 7 B850M-C B850M-CW		Ryzen™ 9000 Series Ryzen™ 7000 Series Ryzen™ 7000X3D Series	PCIe1 Gen5 x16	M2_1 Gen5 x4	PCIe4 Gen4 x4
			Ryzen™ 8000 Series (Phoenix 1)	PCIe1 Gen4 x8	M2_1 Gen4 x4	PCIe4 Gen4 x4
			Ryzen™ 8000 Series (Phoenix 2)	PCIe1 Gen4 x4	M2_1 Gen4 x4	PCIe4 Gen4 x2