

HighPoint Rocket 7638D Compatibility List

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This document was designed to serve as general reference for compatibility between the HighPoint Rocket 7638D and specific motherboards/SSDs described herein.

The motherboards included in this document are recommended for HighPoint Rocket 7638D x16 PCIe 5.0 configurations. Specific motherboards may have special requirements or restrictions. Please refer to the motherboards PCIe Expansion slot settings.

Motherboard Compatibility List

Notes:

The recommended PCIe slot we filled in are based on the description of the motherboard manual.

PCIe error may occur when using the product on certain Dell motherboards. The error do not affect product functionality. To resolve this, obtain the BSW firmware from us for an update. After updating, certain features (such as UEFI Utility, HII Utility, and BootRAID) will become unavailable.

Manufacture	Product Name	Chipset	Recommended PCIe slot #	Remark
ASUS	PRIME TRX40-PRO	AMD TRX40	PCIEX16_1 PCIEX16_2 PCIEX16_3	
ASUS	PRO WS TRX50-SAGE WIFI	AMD TRX50	PCIEX16(G5)_1 PCIEX16(G5)_2 PCIEX16(G4)_1	
ASUS	PRO WS WRX80E-SAGE SE WIFI	AMD WRX80	PCIEX16_1 PCIEX16_2 PCIEX16_3 PCIEX16_4 PCIEX16_5 PCIEX16_6 PCIEX16_7	
ASUS	Prime X870-P WiFi	AMD X870	PCIEX16(G5)	
ASUS	PRO WS W790E-SAGE SE	Intel W790	PCIEX16(G5)_1 PCIEX16(G5)_2 PCIEX16(G5)_3 PCIEX16(G5)_4 PCIEX16(G5)_5 PCIEX16(G5)_7	
ASUS	MAXIMUS Z690 HERO	Intel Z690	PCIEX16(G5)_1	
ASUS	MAXIMUS Z790 DARK HERO	Intel Z790	PCIEX16(G5)_1	
ASUS	PRIME Z890-P WIFI	Intel Z890	PCIEX16(G5)	
ASUS	PROART X670e-creator WIFI	AMD X670	PCIEX16_1	
ASUS	PRO WS WRX90E-SAGE SE	AMD WRX90E	PCIEX16_1 PCIEX16_2 PCIEX16_3 PCIEX16_4 PCIEX16_5 PCIEX16_6 PCIEX16_7	
ASRock	WRX90 WS EVO	AMD WRX90E	PCIEX16_1 PCIEX16_2 PCIEX16_3 PCIEX16_4 PCIEX16_5 PCIEX16_6 PCIEX16_7	
ASRock	Z790 PG Lightning	Intel Z790	PCIEX16	
ASRock	ROMED8-2T	AMD EPYC 7002/7003 Series	PCIEX16 PCIEX16 PCIEX16 PCIEX16 PCIEX16 PCIEX16 PCIEX16	
Dell	Dell Precision 7960 Tower	Intel W790	Slot1 Slot4 Slot5 Slot8	
GIGABYTE	X570 AORUS MASTER	AMD X570	PCIEX16	
GIGABYTE	Z790M AORUS ELITE AX	Intel Z790	PCIEX16	
HP	HP Z6 G5 A	AMD Pro 695	Slot1 PCIe Gen5 x16 Slot2 PCIe Gen5 x16 Slot4 PCIe Gen5 x16 Slot5 PCIe Gen5 x16 Slot6 PCIe Gen4 x16	
Supermicro	H12SSL-i	AMD EPYC 7002/7003 Series	CPU SLOT1 PCI-E 4.0 X16 CPU SLOT3 PCI-E 4.0 X16 CPU SLOT5 PCI-E 4.0 X16 CPU SLOT6 PCI-E 4.0 X16 CPU SLOT7 PCI-E 4.0 X16	

Supermicro	SYS-2025HS-TNR	AMD EPYC 9004	Slot3 Slot5 Slot7	
Supermicro	SYS-741GE-TNRT	Intel C741	Slot2 Slot4 Slot5 Slot7 Slot9 Slot10 Slot11	
Supermicro	X13SEI-TF	Intel C741	Slot4 Slot6	
Supermicro	X12DPi-N6	Intel C621A	CPU1 SLOT2 PCI-E 4.0 x16 CPU1 SLOT3 PCI-E 4.0 x16 CPU2 SLOT4 PCI-E 4.0 x16 CPU2 SLOT5 PCI-E 4.0 x16	
Supermicro	X14SBI-F	Intel® Xeon® 6511P	Slot1 PCIe 5.0X16 Slot3 PCIe 5.0X16 Slot6 PCIe 5.0X16	

U.2 NVMe SSD Compatibility List

Manufacture	Model/Series	Form Factor	Capacity	Remark
PCIe Gen4				
KIOXIA	CM6-R	U.3	960GB, 1920GB, 3840GB, 7680GB, 15360GB, 30720GB	
KIOXIA	CD7-R	U.2	960GB, 1920GB, 3840GB, 7680GB, 15360GB	
KIOXIA	CD8-R	U.2	960GB, 1920GB, 3840GB, 7680GB, 15360GB	
Solidigm	D7-P5510	U.2	3.84TB, 7.68TB	
Solidigm	D5-P5336	U.2	7.68TB, 15.36TB, 30.72TB, 61.44TB, 122.88TB	
Micron	7450 MAX	U.3	800GB, 1.6TB, 3.2TB, 6.4TB, 12.8TB	
Micron	7450 PRO	U.3	960GB, 1.92TB, 3.84TB, 7.68TB	
Micron	7400 PRO	U.3	960GB, 1.92TB, 3.84TB, 7.68TB	
Western Digital	Ultrastar DC SN650	U.3	7.68TB, 15.36TB	
PCIe Gen5				
KIOXIA	CM7-R	U.3	30720GB,15360GB,7680GB,3840GB,1920GB	
KIOXIA	CD8P-R	U.2	30720GB, 15360GB, 7680GB, 3840GB, 1920GB	
KIOXIA	CM7-V	U.3	12800GB, 6400GB, 3200GB, 1600GB	
ScaleFlux	CSD5310	U.3	7.68TB	

External Enclosure Compatibility List

Manufacturer	Model	Supported HighPoint Cable	Support Drive Size	Compatible Drive Type
Gen4				
ICYDOCK	MB118VP-B	8654-CIO8-110	2.5" (up to 7mm height)	U.2/U.3
Gen5				
ICYDOCK	MB699V5P-B	CIO8-CIO8-110	2.5" (up to 15mm height)	U.2/U.3

If you have any questions about NVMe compatibility, please contact us at Sales@highpoint-tech.com