

HighPoint RA7608AW-A32T0-0F Compatibility List

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This document was designed to serve as general reference for compatibility between the HighPoint RA7608AW-A32T0-0F and specific motherboards/SSDs described herein.

The motherboards included in this document are recommended for HighPoint RA7608AW-A32T0-0F x16 PCIE 5.0 configurations. Specific motherboards may have special requirements or restrictions. Please refer to the motherboard's PCIe Expansion slot settings.

Note: *Bifurcation is not required. HighPoint RA7608AW-A32T0-0F can be used with "Non-Bifurcation" motherboards.*

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/CPU Mode	Recommended PCIe slot #	Data RAID support	Boot RAID support
ASUS	PRIME X670-P WIFI	AMD X670	PCIEX16_1(gen5)	✓	✓
ASUS	ASUS ProArt X670E-CREATOR WIFI	AMD X670	PXIEX16_1, PCIEX16_2, PCIEX16_3	✓	✓
ASRock	ROMED8-2T	AMD EPYC 7002/7003 Series	PCIE1, PCIE2, PCIE3, PCIE4, PCIE5, PCIE6, PCIE7	✓	✓
ASUS	Pro WS WRX80E-SAGE SE WIFI	AMD WRX80	PCIE4.0/3.0 X16_1 PCIE4.0/3.0 X16_2 PCIE4.0/3.0 X16_3 PCIE4.0/3.0 X16_4 PCIE4.0/3.0 X16_5 PCIE4.0/3.0 X16_6 PCIE4.0/3.0 X16_7	✓	✓
ASUS	PRO WS WRX90E-SAGE SE	AMD WRX90	PCIEX16(G5)_1 PCIEX16(G5)_2 PCIEX16(G5)_3 PCIEX16(G5)_4 PCIEX16(G5)_5 PCIEX16(G5)_6 PCIEX16(G5)_7	✓	✓
Supermicro	X11DPI-NT	Intel C622	CPU1 Slot2 PCI-E 3.0X16 CPU2 Slot4 PCI-E 3.0X16 CPU2 Slot5 PCI-E 3.0X16 CPU2 Slot6 PCI-E 3.0X16	✓	✓
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	X12DPI-NT6	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	X12DPL-i6	Intel C621A	CPU2 SLOT1 PCI-E 4.0 x16 CPU1 SLOT2 PCI-E 4.0 x16 CPU1 SLOT3 PCI-E 4.0 x16 CPU1 SLOT4 PCI-E 4.0 x16	✓	✓
Supermicro	X12DPL-NT6	Intel C621A	CPU2 SLOT1 PCI-E 4.0 x16 CPU1 SLOT2 PCI-E 4.0 x16 CPU1 SLOT3 PCI-E 4.0 x16 CPU1 SLOT4 PCI-E 4.0 x16	✓	✓
Supermicro	X12DAI-N6	Intel C621A	CPU1 SLOT1 PCI-E 4.0 x16 CPU2 SLOT2 PCI-E 4.0 x16 CPU1 SLOT3 PCI-E 4.0 x16 CPU2 SLOT4 PCI-E 4.0 x16 CPU1 SLOT5 PCI-E 4.0 x16	✓	✓
Supermicro	X12-SPL-F	Intel C621A	CPU1 SLOT6 PCI-E 4.0 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	H12DSG-O	AMD EPYC 7002/7003 Series	1X PCIE4.0 X16 via Riser slot	✓	✓
Supermicro	H12DSi-NT6	AMD EPYC 7002/7003 Series	CPU SLOT2 PCI-E 4.0 x16 CPU SLOT4 PCI-E 4.0 x16 CPU SLOT6 PCI-E 4.0 x16	✓	✓
Supermicro	H12DSU-iN	AMD EPYC 7002/7003 Series	1X PCIE4.0 X16 via Riser slot 1X PCIE4.0 X32 via Riser slot	✓	✓
Supermicro	H12SSW-NT	AMD EPYC 7002/7003 Series	1X PCIE4.0 X16 via Riser slot 1X PCIE4.0 X32 via Riser slot	✓	✓
Supermicro	H12SSL-NT	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	H12SSL-C	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	H12SSL-CT	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 Series	SLOT1, SLOT3, SLOT5, SLOT7	✓	✓
Supermicro	H13DSH	AMD EPYC 9004 Series	JPCIE1 x16, JPCIE2 x16	✓	✓
Supermicro	SYS-741GE-TNRT	Intel C741	P1 SLOT2, P1 SLOT4, P2 SLOT5, P2 SLOT7, P2 SLOT9, P2 SLOT10 P2 SLOT11	✓	✓
Supermicro	X13SEI-TF	Intel C741	CPU SLOT4 PCIe 5.0 x16 CPU SLOT6 PCIe 5.0 x16	✓	✓
Supermicro	X14SBI-F	Intel® Xeon® 6511P	Slot1 PCIe 5.0X16 Slot3 PCIe 5.0X16 Slot6 PCIe 5.0X16	✓	✓
Dell	Precision 7920 Tower Workstation	Intel C621	PCIe3x16 75W (slot2) PCIe3x16 75W (slot4)	✓	✓
Dell	Precision 7960 Tower Workstation	Intel W790	SLOT1 PCIe5 x16 SLOT4 PCIe4 x16 SLOT5 PCIe5 x16 SLOT8 PCIe4 x16	✓	✓
GIGABYTE	Z790M AORUS ELITE AX	Intel Z790	PCIEX16	✓	✓
ASRock	Z790 PG Lightning- PCIe5.0	Intel Z790	PCIE1	✓	✓
HP	Z6 G5 A	AMD Pro 695	SLOT 1:PCIe Gen5 x16 SLOT 2:PCIe Gen5 x16 SLOT 4:PCIe Gen5 x16 SLOT 5:PCIe Gen5 x16 SLOT 6:PCIe Gen5 x16	✓	✓
ASUS	MAXIMUS Z790 DARK HERO	Intel Z790	PCIEX16(G5)_1	✓	✓
ASUS	Pro WS TRX50-SAGE WIFI	AMD TRX50	PCIEX16(G5)_1 PCIEX16(G5)_2 PCIEX16(G4)_2	✓	✓
ASRock	WRX90 WS EVO	AMD WRX90	PCIE1 PCIE2 PCIE3 PCIE4 PCIE5 PCIE7	✓	✓
ASUS	Pro WS W790E-SAGE SE	Intel W790	PCIE X16(G5) _1 PCIE X16(G5) _2 PCIE X16(G5) _3 PCIE X16(G5) _4 PCIE X16(G5) _5 PCIE X16(G5) _7	✓	✓
ASUS	Prime X870-P WiFi	AMD X870	PCIEX16(G5)	✓	✓

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