

HighPoint RocketAIC 7502HW Series Compatibility List

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This document was designed to serve as general reference for compatibility between the HighPoint RocketAIC 7502HW Series and specific motherboards's described herein.

The motherboards included in this document are recommended for HighPoint RocketAIC 7502HW Series x16 PCIE 4.0 or 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 SSD series NVMe RAID controllers can be used with "Non-Bifurcation" motherboards.*

Motherboard Compatibility List

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

Note: RocketAIC 7502HW does not support Lenovo P620.

Manufacture	Product Name	Chipset	Recommended PCIe slot #	Data RAID support	Boot RAID support
ASUS	P12R-E-10G-2T	Intel C256	Slot6 PCI-E x16	✓	✓
ASUS	PRIME TRX40-PRO	AMD TRX40	PCIEX16_1, PCIEX16_2, PCIEX16_3	✓	✓
ASUS	PRIME TRX40-PRO S	AMD TRX40	PCIEX16_1, PCIEX16_2, PCIEX16_3	✓	✓
ASUS	ROG Strix TRX40-E Gaming	AMD TRX40	PCIEX16_1, PCIEX16_2, PCIEX16_3	✓	✓
ASUS	ROG STRIX TRX40-XE GAMING	AMD TRX40	PCIEX16_1, PCIEX16_2, PCIEX16_3	✓	✓
ASUS	Pro WS WRX80E-SAGE SE WIFI	AMD WRX80	PCIEX4.0/3.0 X16_1 PCIEX4.0/3.0 X16_2 PCIEX4.0/3.0 X16_3 PCIEX4.0/3.0 X16_4 PCIEX4.0/3.0 X16_5 PCIEX4.0/3.0 X16_6 PCIEX4.0/3.0 X16_7	✓	✓
ASUS	PRIME X399-A	AMD X399	PCIEX16_1, PCIEX16_3	✓	✓
ASUS	ROG STRIX X399-E GAMING	AMD X399	PCIEX16_1, PCIEX16_3	✓	✓
ASUS	ROG ZENITH EXTREME	AMD X399	PCIEX16_1, PCIEX16_3	✓	✓
ASUS	PRIME X570-P	AMD X570	PCIEX16_1	✓	✓
ASUS	PRIME X570-PRO	AMD X570	PCIEX16_1	✓	✓
ASUS	Pro WS X570-ACE	AMD X570	PCIEX16_1	✓	✓
ASUS	ROG Crosshair VIII Formula	AMD X570	PCIEX16_1	✓	✓
ASUS	ROG Crosshair VIII Hero (WI-FI)	AMD X570	PCIEX16_1	✓	✓
ASUS	ROG Crosshair VIII Impact	AMD X570	PCIEX16_1	✓	✓
ASUS	ROG Strix X570-E Gaming	AMD X570	PCIEX16_1	✓	✓
ASUS	ROG Strix X570-I Gaming	AMD X570	PCIEX16_1	✓	✓
ASUS	TUF GAMING X570-PLUS	AMD X570	PCIEX16_1	✓	✓
ASUS	TUF GAMING X570-PLUS (WI-FI)	AMD X570	PCIEX16_1	✓	✓
ASUS	PRIME X299-A	Intel X299	PCIEX16_1, PCIEX16_2	✓	✓
ASUS	PRIME X299-DELUXE	Intel X299	PCIEX16_1, PCIEX16_3	✓	✓
ASUS	ROG STRIX X299-E	Intel X299	PCIEX16/X8_1, PCIEX16/X8_2	✓	✓
ASUS	TUF X299 MARK 1	Intel X299	PCIEX16_1, PCIEX16_2	✓	✓
ASUS	TUF X299 MARK 2	Intel X299	PCIEX16_1, PCIEX16_2	✓	✓
ASUS	WS X299 SAGE	Intel X299	PCIEX16_1, PCIEX16_3 PCIEX16_5, PCIEX16_7	✓	✓
ASUS	PRIME Z390 SERIES	Intel Z390	PCIEX16_1	✓	✓
ASUS	ROG STRIX Z590-E	Intel Z590	PCIEX16_1(gen4)	✓	✓
ASUS	ROG MAXIMUS Z690 HERO	Intel Z690	PCIEX16(G5)_1	✓	✓
GIGABYTE	GA-X299 DESIGNARE EX	Intel X299	PCIEX16_1, PCIEX16_2	✓	✓
GIGABYTE	X399 AORUS Gaming 7	AMD X399	PCIEX16_1, PCIEX16_2	✓	✓
GIGABYTE	X399 AORUS PRO	AMD X399	PCIEX16_1, PCIEX16_2	✓	✓
GIGABYTE	X399 AORUS XTREME	AMD X399	PCIEX16_1, PCIEX16_2	✓	✓
GIGABYTE	X399 DESIGNARE EX	AMD X399	PCIEX16_1, PCIEX16_2	✓	✓
GIGABYTE	X570 AORUS ELITE WIFI	AMD X570	PCIEX16	✓	✓
GIGABYTE	X570 AORUS MASTER	AMD X570	PCIEX16	✓	✓
GIGABYTE	X570 AORUS PRO WIFI	AMD X570	PCIEX16	✓	✓
GIGABYTE	X570 AORUS XTREME	AMD X570	PCIEX16	✓	✓
GIGABYTE	X570 GAMING X	AMD X570	PCIEX16	✓	✓
GIGABYTE	X570 I AORUS PRO WIFI	AMD X570	PCIEX16	✓	✓
GIGABYTE	X570 UD	AMD X570	PCIEX16	✓	✓
GIGABYTE	X299 AORUS Gaming 3	Intel X299	PCIEX16_1, PCIEX16_2	✓	✓
GIGABYTE	X299 AORUS Gaming 7	Intel X299	PCIEX16_1, PCIEX16_2	✓	✓
GIGABYTE	X299 AORUS Gaming 9	Intel X299	PCIEX16_1, PCIEX16_2	✓	✓
GIGABYTE	X299 UD4	Intel X299	PCIEX16_1, PCIEX16_2	✓	✓
GIGABYTE	X299 UD4 Pro	Intel X299	PCIEX16_1, PCIEX16_2	✓	✓

GIGABYTE	GA-Z390 AORUS XTREME	Intel Z390	PCIEX16	✓	✓
GIGABYTE	Z590 AORUS XTREME	Intel Z590	Slot1 PCIEX16	✓	✓
ASRock	Fatal1ty X299 Gaming K6	Intel X299	PCIE1, PCIE3	✓	✓
ASRock	ROMED8-2T	AMD EPYC 7002/7003 Series	PCIE1, PCIE2, PCIE3, PCIE4, PCIE5, PCIE6, PCIE7	✓	✓
ASRock	Fatal1ty X299 Professional Gaming i9	Intel X299	PCIE1, PCIE3	✓	✓
ASRock	X299 Killer SLI/ac	Intel X299	PCIE1, PCIE3	✓	✓
ASRock	X299 Taiichi	Intel X299	PCIE1, PCIE3	✓	✓
MSI	X299 GAMING M7 ACK	Intel X299	PCI_E1, PCI_E4	✓	×
MSI	X299 GAMING PRO CARBON	Intel X299	PCI_E1, PCI_E4	✓	×
MSI	X299 GAMING PRO CARBON AC	Intel X299	PCI_E1, PCI_E4	✓	×
MSI	X299 RAIDER	Intel X299	PCI_E1, PCI_E3	✓	×
MSI	X299 SLI PLUS	Intel X299	PCI_E1, PCI_E4	✓	×
MSI	X299 TOMAHAWK	Intel X299	PCI_E1, PCI_E4	✓	×
MSI	X299 TOMAHAWK AC	Intel X299	PCI_E1, PCI_E4	✓	×
MSI	X299 TOMAHAWK ARCTIC	Intel X299	PCI_E1, PCI_E4	✓	×
MSI	PRO Z790-A WIFI	Intel Z790	PCI_E1 PCIe 5.0 x16	✓	✓
Supermicro	H11DSi	AMD EPYC 7001/7002 Series	CPU1 SLOT2 PCI-E 3.0 x16 CPU1 SLOT4 PCI-E 3.0 x16	✓	✓
Supermicro	H11DSi-NT	AMD EPYC 7001/7002 Series	CPU1 SLOT2 PCI-E 3.0 x16 CPU1 SLOT4 PCI-E 3.0 x16	✓	✓
Supermicro	H11SSL-C	AMD EPYC 7001/7002 Series	CPU SLOT2 PCI-E 3.0 x16 CPU SLOT4 PCI-E 3.0 x16 CPU SLOT6 PCI-E 3.0 x16	✓	✓
Supermicro	H11SSL-i	AMD EPYC 7001/7002 Series	CPU SLOT2 PCI-E 3.0 x16 CPU SLOT4 PCI-E 3.0 x16 CPU SLOT6 PCI-E 3.0 x16	✓	✓
Supermicro	H11SSL-NC	AMD EPYC 7001/7002 Series	CPU SLOT2 PCI-E 3.0 x16 CPU SLOT4 PCI-E 3.0 x16 CPU SLOT6 PCI-E 3.0 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	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	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	H13DSH	AMD EPYC 9004 Series	PCIe 5.0 x16 right riser slot PCIe 5.0 x16 left riser slot	✓	✓
Supermicro	X11DAC	Intel C621	CPU1 SLOT1 PCI-E 3.0X16 CPU2 SLOT3 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓
Supermicro	X11DAi-N	Intel C621	CPU1 SLOT1 PCI-E 3.0X16 CPU1 SLOT2 PCI-E 3.0X16 CPU2 SLOT3 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓

Supermicro	X11DPH-I	Intel C621	CPU2 SLOT2 PCI-E 3.0X16 CPU2 SLOT4 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓
Supermicro	X11DPi-N	Intel C621	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	X11DPL-i	Intel C621	CPU1 SLOT5 PCI-E 3.0X16 CPU2 SLOT3 PCI-E 3.0X16	✓	✓
Supermicro	X11DPX-T	Intel C621	JPCIE2(CPU1 SLOT2 PCI-E 3.0X16) JPCIE4(CPU1 SLOT4 PCI-E 3.0X16) JPCIE6(CPU2 SLOT6 PCI-E 3.0X16) JPCIE8(CPU2 SLOT8 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	X12SDV	Intel C621A	CPU SLOT7 PCIe 4.0 x16	✓	✓
SuperMicro	H13DSH	AMD EPYC 9004 Series	PCIe 5.0 x16 right riser slot PCIe 5.0 x16 left riser slot	✓	✓
Supermicro	X11DPH-T	Intel C622	CPU2 SLOT2 PCI-E 3.0X16 CPU2 SLOT4 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓
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	X11SPi-TF	Intel C622	CPU SLOT4 PCI-E 3.0X16 CPU SLOT6 PCI-E 3.0X16	✓	✓
Supermicro	X11SPM-TPF	Intel C622	CPU1 SLOT4 PCI-E 3.0X16 CPU1 SLOT6 PCI-E 3.0X16	✓	✓
Supermicro	X11DPH-TQ	Intel C627	CPU2 SLOT2 PCI-E 3.0X16 CPU2 SLOT4 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓
Supermicro	X11DPH-T	Intel C622	CPU2 SLOT2 PCI-E 3.0X16 CPU2 SLOT4 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓
Supermicro	X11DPL-i	Intel C621	CPU1 SLOT5 PCI-E 3.0X16 CPU2 SLOT3 PCI-E 3.0X16	✓	✓
Supermicro	X11DPi-N	Intel C621	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	X11DAi-N	Intel C621	CPU1 SLOT1 PCI-E 3.0X16 CPU1 SLOT2 PCI-E 3.0X16 CPU2 SLOT3 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓
Supermicro	X11DPX-T	Intel C621	JPCIE2(CPU1 SLOT2 PCI-E 3.0X16) JPCIE4(CPU1 SLOT4 PCI-E	✓	✓

			3.0X16) JPCIE6(CPU2 SLOT6 PCI-E 3.0X16) JPCIE8(CPU2 SLOT8 PCI-E 3.0X16)		
Supermicro	X11DPH-TQ	Intel C627	CPU2 SLOT2 PCI-E 3.0X16 CPU2 SLOT4 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓
Supermicro	X11DPH-I	Intel C621	CPU2 SLOT2 PCI-E 3.0X16 CPU2 SLOT4 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓
Supermicro	X11DAC	Intel C621	CPU1 SLOT1 PCI-E 3.0X16 CPU2 SLOT3 PCI-E 3.0X16 CPU2 SLOT5 PCI-E 3.0X16	✓	✓
Supermicro	X11SPi-TF	Intel C622	CPU SLOT4 PCI-E 3.0X16 CPU SLOT6 PCI-E 3.0X16	✓	✓
Supermicro	X11SPM-TPF	Intel C622	CPU1 SLOT4 PCI-E 3.0X16 CPU1 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	X12SDV	Intel C621A	CPU SLOT7 PCIe 4.0 x16	✓	✓
Dell	PowerEdge T150	Intel C256	Slot2 Gen4 x16	✓	✓
Dell	PowerEdge T420	Intel C602	Slot3 Gen3 x16 Slot5 Gen3 x16	✓	✓
Dell	Precision 3650 Tower	Intel W580	SLOT1 PCIe 4.0 X16	✓	✓
Dell	Precision 3660 Tower	Intel W680	Slot2 PCIe x16 Gen5	✓	✓
Dell	Precision 3930 Rack	Intel C246	Riser 1A Slot1 PCIe x16 Gen3	✓	✓
Dell	Precision 5820 Tower	Intel C621	Slot2 PCIe x16 Gen3 Slot4 PCIe x16 Gen3	✓	✓
Dell	Precision 5860 Tower	Intel W790	Slot1 PCIe 4.0 x16 Slot4 PCIe 4.0 x16	✓	✓
Dell	Precision 7820 Tower	Intel C621	Slot2 PCIe x16 Gen3 Slot4 PCIe x16 Gen3	✓	✓
Dell	Precision 7865 Tower	AMD WRX80	Slot1 PCIe 4.0 x16 Slot4 PCIe 4.0 x16	✓	✓
Dell	Precision 7910 Tower	Intel C612	SLOT1 PCIE 3.0 X16 SLOT2 PCIE 3.0 X16 SLOT3 PCIE 2.0 X16 SLOT4 PCIE 3.0 X16 CPU2 SLOT1 PCIE 3.0 X16 CPU2 SLOT2 PCIE3.0 X16	✓	✓
Dell	Precision 7920 Rack	Intel C620	Slot1 PCIe x16 Slot2 PCIe x16 (x8 electrical) Slot3 PCIe x16 (x8 electrical) Slot4 PCIe x16 Slot5 PCIe x16 (x8 electrical) Slot6 PCIe x16 (x8 electrical) Slot7 PCIe x16 (x8 electrical) Slot8 PCIe x16	✓	✓
Dell	Precision 7920 Tower	Intel C621	PCIe3x16 75W (slot2) PCIe3x16 75W (slot4)	✓	✓
Dell	Precision 7960 Rack	Intel W790	Slot1 PCIe x16 Gen4	✓	✓

			Slot2 PCIe x16 Gen5 Slot3 PCIe x16 Gen4 Slot6 PCIe x16 Gen4 Slot7 PCIe x16 Gen5		
Dell	Precision 7960 Tower	Intel W790	Slot1 PCIe x16 Gen5 Slot4 PCIe x16 Gen4 Slot5 PCIe x16 Gen5 Slot8 PCIe x16 Gen4	✓	✓
HP	HPE ProLiant ML110 Gen10 Server	Intel C621	Slot1 PCIe 3.0 X16 Slot4 PCIe 3.0 X16	✓	✓

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