Models	Blocks Available/Upcoming	Is Reference	PCB	Compatible Blocks	Dimensions (mm)	Notes
NVIDIA Founders Edition	Yes	No	PCB	EK-Quantum Vector* FE D-RGB - Nickel + Plexi	236.3 x 148 x 27	Active Back Plate available
				EK-Quantum Vector* FE D-RGB - Nickel + Acetal	236.3 x 148 x 27	Active Back Plate available
				Corsair Hydro X Series XG7 RGB	210 x 160	
				Watercool HeatKiller VI		Preview of backplate side
				Aquacomputer kryographics FE		Unannounced. Will have ports on narrow side(early preview).
				Alphacool Eisblock Aurora Acryl FE	205.42 x 122.89	
				Alphacool Eiswolf 2 FE AIO		Confirmed via Alphacool compatibility list
				Granzon 4090 FE	227.2 x 125.7 x 27.1	
				Bitspower Orion FE	234.5 x 119 x 27	New design with ports on narrow side. ARP version
ASUS ROG Strix / TUF	Yes	No	PCB	EK-Quantum Vector* Strix/TUF D-RGB - Nickel + Plexi		Active Back Plate available
				EK-Quantum Vector* Strix/TUF D-RGB - Nickel + Acetal		Active Back Plate available
				Optimus Signature STRIX / TUF		
				Bykski 4090 Strix / TUF	219.95 x 162.83 x 26.27	
				Granzon 4090 STRIX / TUF		
				Corsair Hydro X Series XG7 STRIX/TUF	234 x 170	
				Alphacool Eisblock Aurora Acryl STRIX/TUF		Confirmed via Alphacool compatibility list
				Alphacool Eiswolf 2 STRIX/TUF AIO		Confirmed via Alphacool compatibility list
				Aquacomputer kryographics Strix/Tuf		Forum preview. Will have active back plate, integrated display.
				Barrow LRC2.0 ASUS TUF	217.2 x 156.8 x 23.5	STRIX compatibility not confirmed
				Phanteks Glacier G40 MSI		Unique port location
				Watercool HeatKiller VI		
GIGABYTE Gaming / AORUS Master	Yes	No	PCB	EK-Quantum Vector* Master D-RGB - Nickel + Plexi		
				EK-Quantum Vector* Master D-RGB - Nickel + Acetal		
				Bykski 4090 Aorus / Gaming		
				Corvino Waterblock for Gigabyte Gaming / Aorus		1 slot server waterblock with ports on narrow side
				Phanteks Glacier G40 Gigabyte		Press release
				Barrow LRC2.0 AORUS	226.6 x 151 x 24	
				Alphacool Eiswolf 2 Gaming/AORUS AIO		Confirmed via Alphacool compatibility list
				Alphacool Eisblock Aurora Acryl Gaming/AORUS		Confirmed via Alphacool compatibility list
GIGABYTE Windforce	Yes	No	PCB	Bykski 4090 Windforce		Does not share compatibility with Master / AORUS models.
GIGABYTE AORUS XTREME WATERFORCE	No	No	n/a	360 AIO		
MSI Suprim / Trio	Yes	No	PCB	Alphacool Eisblock Aurora Acryl Suprim/Trio		
				Alphacool Eiswolf Suprim/Trio 2 AIO		Confirmed via Alphacool compatibility list
				EK-Quantum Vector* Trio / Suprim D-RGB - Nickel + Plexi		Active Back Plate available
				Corsair Hydro X Series XG7 RGB Suprim	278 x 164	Shows up if looked up on configurator
				Bykski 4090 SUPRIM/TRIO	266.43 x 165.61 x 23.25	
				Barrow Suprim / Trio		
				Phanteks Glacier G40 SUPRIM / TRIO		
MSI Suprim Liquid	No	No	PCB	240 AIO		Shares compatibility with Suprim / Trio
INNO3D iCHILL X3 / Black	Yes	Yes	PCB	Alphacool ES GeForce RTX 4090 Reference		1 slot with rear ports
				Alphacool Eisblock Aurora Acryl GPX-N RTX 4090 Reference	198.60 x 144.29 x 35.89	mini review by u/InvestigatorSenior
				Alphacool Eiswolf 2 AIO - 360mm RTX 4090 Reference		360 AIO kit
				Bykski 4090 Reference		
INNO3D iCHILL Frostbite	Yes	Yes		Preinstalled Alphacool Eisblock waterblock		
Gainward Phantom / GS	Yes	No	PCB	~~Bykski 4090 Reference~~		Compatibility issues reported / doesn't fit
				Alphacool Eisblock Aurora Acryl Gainward		Confirmed via Alphacool compatibility list
				Alphacool Eiswolf 2 Reference AIO Gainward		Confirmed via Alphacool compatibility list
Palit Gamerock	Yes	No	PCB	Alphacool Eisblock Aurora Acryl Gamerock		Confirmed via Alphacool compatibility list. Buildzoid PCB Analysis
PNY XLR8	Yes	Yes	PCB	Bykski 4090 Reference*		Reference confirmation source. Visual confirmation as reference by Alphacool. Part of the PCB is not covered by the Alphacool block
				Alphacool Eisblock Aurora Acryl GPX-N RTX 4090 Reference	198.60 x 144.29 x 35.89	
				Alphacool Eiswolf 2 AIO - 360mm RTX 4090 Reference		
Zotac AMP Extreme AIRO / Trinity / Apocalypse	Yes	No	PCB	Bykski 4090 Xotac AIRO / Trinity / Apocalypse		
				Granzon 4090 Zotac AMP Extreme AIRO / Trinity Waterblock		
				EK-Quantum Vector* AMP/Trinity		Active Back Plate available
Colorful Vulcan	Yes	No	PCB	Bykski 4090 Vulcan		
Colorful Battle Axe	Yes	No	n/a	Bykski 4090 Battle Axe		NB EX-V
Colorful Neptune	No	No	n/a	360 AIO		
GALAX (KFA2) SG	TBD	TBD	n/a			See below
GALAX (KFA2) Metal Master	Yes	Yes	n/a	Bykski 4090 Reference		Little product info
				Alphacool Eisblock Aurora Acryl GPX-N RTX 4090 Reference	198.60 x 144.29 x 35.89	
GALAX (KFA2) 星曜 Starshine ??	Yes	TBD	n/a	Bykski 4090 Starshine		No product info
Manli Gallardo Cybertank	Yes	No	n/a	Bykski 4090 Xotac AIRO / Trinity / Apocalypse		Compatibility confirmation
AX-Gaming X3W	Yes	Yes	n/a	Bykski 4090 Reference		Compatibility confirmed by Bykski AIB block*

If you found this research useful please check out my YouTube channel

*Bykski does not recommend installing this waterblock on the PNY XLR8 as there are differences in reference design. (source)