

# AMD Ryzen and HyperX Compatibility

The HyperX memory team has done extensive compatibility testing on AMD Ryzen™ platforms. Based on our lab testing and work with the motherboard vendors, we have compiled a list of parts we recommend to help you get the most out of your AMD Ryzen™ system. We expect these modules and kits to work at the factory tested and programmed speeds, timings, and voltage, however some system boards may limit memory speed and/or timings based on the board design and BIOS. Other factors, such as power supply and cooling will affect potential memory performance. Most AMD Ryzen™ and Ryzen™ Threadripper™ processors are limited to a maximum safe overclock speed of 3200MHz, and are limited by the type of DIMM needed to achieve this speed (Single Rank "1R" versus Dual Rank "2R") and the number of DIMMs installed per memory channel. In some cases, 2nd generation Ryzen™ processors and motherboards will slightly improve overclock performance over 1st generation. Continual refinements to BIOS and motherboard

design have enabled better memory support and faster speeds on some models. Please check with your motherboard or system manufacturer for the latest supported memory speeds (QVL).

Note: Installing the latest BIOS may resolve initial compatibility or performance issues. FURY Plug N Play DIMMs and Impact "PnP" SO-DIMMs are designed to operate at factory overclocked speeds using standard DDR4 1.2V out of the box. On most AMD Ryzen™ systems the memory will default to the industry standard (JEDEC) speed and timings. In order to achieve the factory overclock speed, please select memory Profile 1 from within the BIOS to force the factory overclock settings. A second, less demanding memory Profile 2 is also available if Profile 1 is not stable.

If you have any configuration questions please contact our support team at [hyperxgaming.com/support](http://hyperxgaming.com/support).

## FURY DDR4 2400MHz Black Heat Spreader

HX424C15FB/4  
HX424C15FBK2/8  
HX424C15FBK4/16  
HX424C15FB2/8  
HX424C15FB2K2/16  
HX424C15FB2K4/32  
HX424C15FB/16  
HX424C15FBK2/32  
HX424C15FBK4/64

## FURY DDR4 2400MHz Red Heat Spreader

HX424C15FR2/8  
HX424C15FR2K2/16  
HX424C15FR2K4/32  
HX424C15FR/16  
HX424C15FRK2/32  
HX424C15FRK4/64

## FURY DDR4 2400MHz White Heat Spreader

HX424C15FW2/8  
HX424C15FW2K2/16  
HX424C15FW2K4/32  
HX424C15FW/16  
HX424C15FWK2/32  
HX424C15FWK4/64

## FURY DDR4 2666MHz Timing Change Black Heat Spreader

HX426C16FB2/8  
HX426C16FB2K2/16  
HX426C16FB2K4/32  
HX426C16FBK2/32

## FURY DDR4 2666MHz Timing Change & Red Heat Spreader

HX426C16FR2/8  
HX426C16FR2K2/16  
HX426C16FR2K4/32  
HX426C16FRK2/32

## FURY DDR4 2666MHz Timing Change & White Heat Spreader

HX426C16FW2/8

HX426C16FW2K2/16  
HX426C16FW2K4/32

## FURY DDR4 2933MHz Black Heat Spreader

HX429C17FB2/8  
HX429C17FB2K2/16  
HX429C17FB2K4/32  
HX429C17FB/16  
HX429C17FBK2/32  
HX429C17FBK4/64

## FURY DDR4 2933MHz White Heat Spreader

HX429C17FW2/8  
HX429C17FW2K2/16  
HX429C17FW2K4/32  
HX429C17FW/16  
HX429C17FWK2/32  
HX429C17FWK4/64

## FURY DDR4 2933MHz Red Heat Spreader

HX429C17FR2/8  
HX429C17FR2K2/16  
HX429C17FR2K4/32  
HX429C17FR/16  
HX429C17FRK2/32  
HX429C17FRK4/64

## FURY DDR4 3200MHz Black Heat Spreader

HX432C18FB2/8  
HX432C18FB2K2/16  
HX432C18FB/16  
HX432C18FBK2/32

## FURY DDR4 3200MHz White Heat Spreader

HX432C18FW2/8  
HX432C18FW2K2/16  
HX432C18FW/16  
HX432C18FWK2/32

## FURY DDR4 3200MHz Red Heat Spreader

HX432C18FR2/8  
HX432C18FR2K2/16  
HX432C18FR/16  
HX432C18FRK2/32

## Predator DDR4 2400MHz Black Heat Spreader

HX424C12PB3/8  
HX424C12PB3K2/16  
HX424C12PB3K2/32  
HX424C12PB3/16  
HX424C12PB3K4/32  
HX424C12PB3K4/64

## Predator DDR4 2666MHz Black Heat Spreader

HX426C13PB3/8  
HX426C13PB3K2/16  
HX426C13PB3K4/32  
HX426C13PB3/16  
HX426C13PB3K2/32  
HX426C13PB3K4/64

## Predator DDR4 2933MHz RGB with Black Heat Spreader

HX429C15PB3A/8  
HX429C15PB3AK2/16  
HX429C15PB3AK4/32

## Predator DDR4 3000MHz\* Black Heat Spreader

HX430C15PB3K2/8  
HX430C15PB3K4/16  
HX430C15PB3/8  
HX430C15PB3K2/16  
HX430C15PB3K4/32  
HX430C15PB3/16  
HX430C15PB3K2/32  
HX430C15PB3K4/64  
HX430C15PB3K8/128

## Predator DDR4 3200MHz Black Heat Spreader

HX432C16PB3K2/8  
HX432C16PB3K4/16  
HX432C16PB3K2/16  
HX432C16PB3K4/32

\* 3000MHz is not supported by AMD Ryzen™ clock ratios and will optimize at 2933MHz.



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