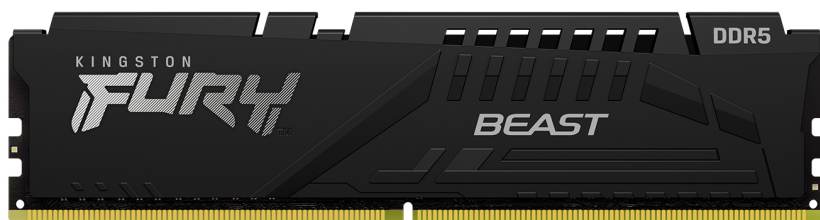


# Memory Module Specifications

## KF560C40BBK4-64

64GB (16GB 2G x 64-Bit x 4 pcs.)  
DDR5-6000 CL40 288-Pin DIMM Kit



## DEFAULT SPECIFICATIONS

|  |                   |
|--|-------------------|
| CL(IDD)  | 40 cycles         |
| Row Cycle Time (tRCmin)                          | 48ns(min.)        |
| Refresh to Active/Refresh Command Time (tRFCmin) | 295ns(min.)       |
| Row Active Time (tRASmin)                        | 32ns(min.)        |
| UL Rating  | 94 V - 0          |
| Operating Temperature                            | 0° C to +85° C    |
| Storage Temperature                              | -55° C to +100° C |

## DESCRIPTION

Kingston FURY KF560C40BBK4-64 is a kit of four 2G x 64-bit (16GB) DDR5-6000 CL40 SDRAM (Synchronous DRAM) 1Rx8, memory module, based on eight 2G x 8-bit FBGA components per module. Each module kit supports Intel® Extreme Memory Profiles (Intel® XMP) 3.0. Total kit capacity is 64GB. Each module has been tested to run at DDR5-6000 at a low latency timing of 40-40-40 at 1.35V. The SPDs are programmed to JEDEC standard latency DDR5-4800 timing of 40-39-39 at 1.1V. Each 288-pin DIMM uses gold contact fingers. The JEDEC standard electrical and mechanical specifications are as follows:

## DEFAULT FEATURES

- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- Height 1.37" (34.9mm), w/heatsink

## FACTORY TIMING PARAMETERS

- Default (JEDEC): DDR5-4800 CL40-39-39 @1.1V
- XMP Profile #1: DDR5-6000 CL40-40-40 @1.35V
- XMP Profile #2: DDR5-5600 CL40-40-40 @1.25V
- XMP Profile #3: DDR5-4800 CL38-38-38 @1.1V

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Technical drawing of the Kingston Fury Beast DDR5 memory module. The top view shows the module's length as 133.35 mm. The side view shows the height as 6.62 mm. The module features the Kingston Fury Beast logo and 'DDR5' marking.

(Tolerances on all dimensions are  $\pm 0.15$  unless otherwise specified)

Dimensions and Tolerances:

- Overall Width: 131.60
- Overall Height: 31.25
- Top Hole Diameter:  $17.60 \times 2$
- Top Hole Position (from center): 14.60
- Top Hole Radius: R 0.65 MAX. 8 PLACES
- Bottom Hole Diameter:  $3.50 \times 2$
- Bottom Hole Position (from center): 1.30
- Bottom Hole Radius: R 0.35
- Central Hole Diameter:  $8.80 \pm 0.10$
- Central Hole Position (from center): 1.50
- Central Hole Radius: R 0.35
- Side Hole Diameter:  $11.00 \times 2$
- Side Hole Position (from center): 10.10
- Side Hole Radius: R 0.80 2 PLACES
- Side Hole Position (from edge): 11.30
- Side Hole Position (from top): 131.25
- Side Hole Position (from bottom): 131.35

All Kingston products are tested to meet our published specifications. Some motherboards or system configurations may not operate at the published Kingston FURY memory speeds and timing settings. Kingston does not recommend that any user attempt to run their computers faster than the published speed. Overclocking or modifying your system timing may result in damage to computer components.