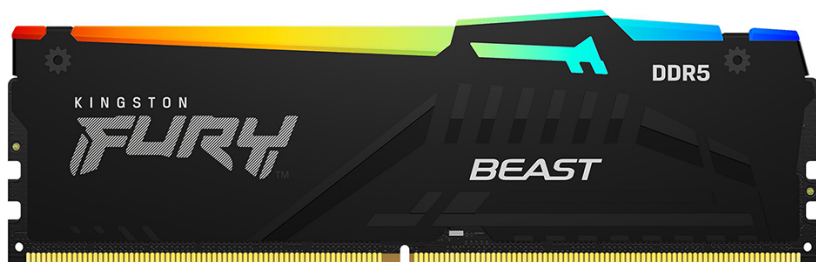


## KF556C40BBA-64

64GB 8G x 64-Bit

DDR5-5600 CL40 288-Pin DIMM



## SPECIFICATIONS

CL(IDD)	40 cycles
Row Cycle Time (tRCmin)	48ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	410ns(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 KF556C40BBA-64 is a 8G x 64-bit (64GB) DDR5-5600 CL40 SDRAM (Synchronous DRAM) 2Rx8, memory module, based on sixteen 4G x 8-bit FBGA components per module. The module supports AMD® EXPO v1.1 and Intel® Extreme Memory Profiles (Intel® XMP) 3.0. Each module has been tested to run at DDR5-5600 at a low latency timing of 40-40-40 at 1.25V. 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:

## FEATURES

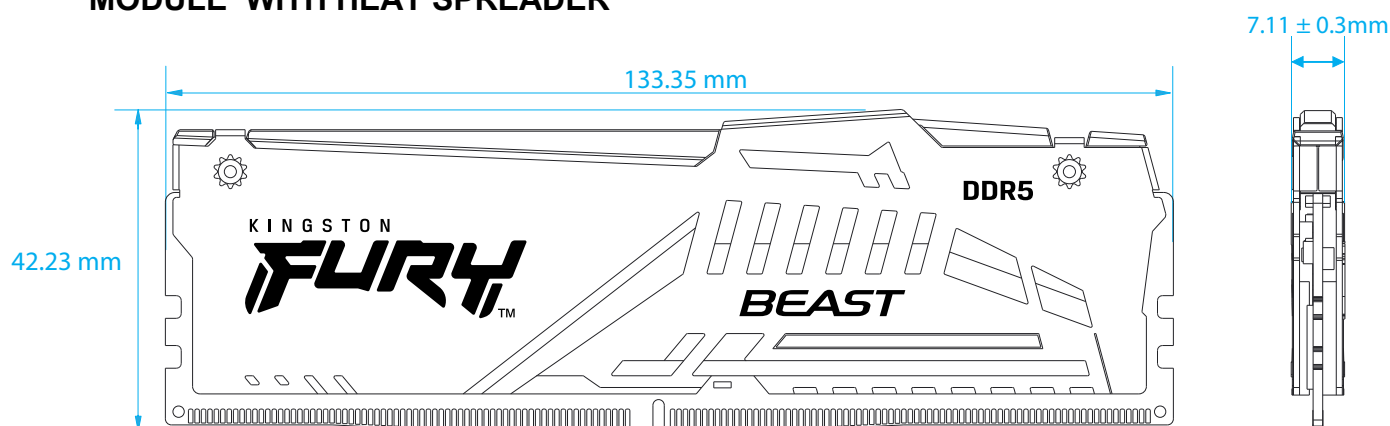
- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- Height 1.66" (42.23mm), w/heatsink

## FACTORY TIMING PARAMETERS

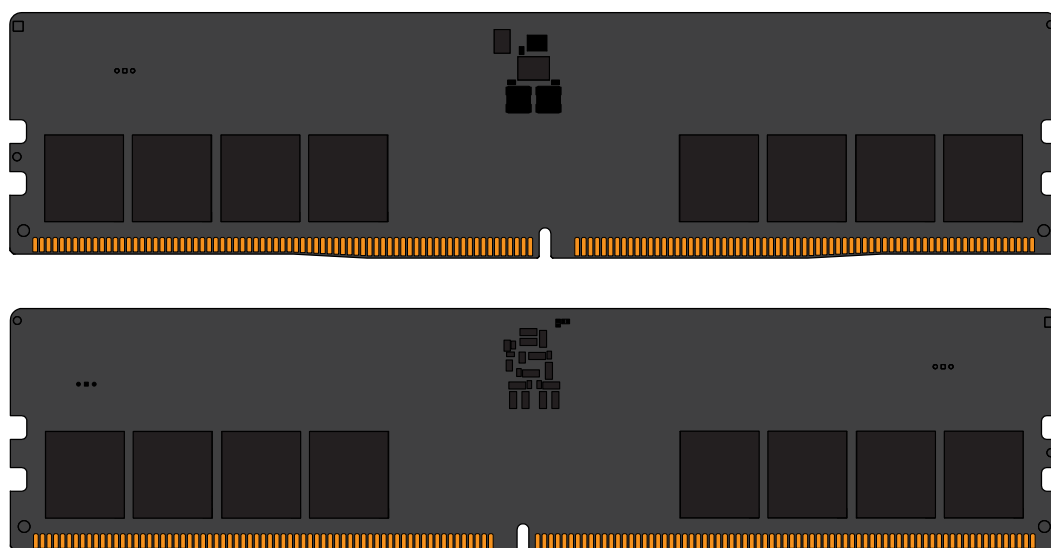
- Default (JEDEC): DDR5-4800 CL40-39-39 @1.1V
- EXPO Profile #0: DDR5-5600 CL40-40-40 @1.25V
- EXPO Profile #1: DDR5-5200 CL40-40-40 @1.25V
- XMP Profile #1: DDR5-5600 CL40-40-40 @1.25V
- XMP Profile #2: DDR5-5200 CL40-40-40 @1.25V

Continued >>

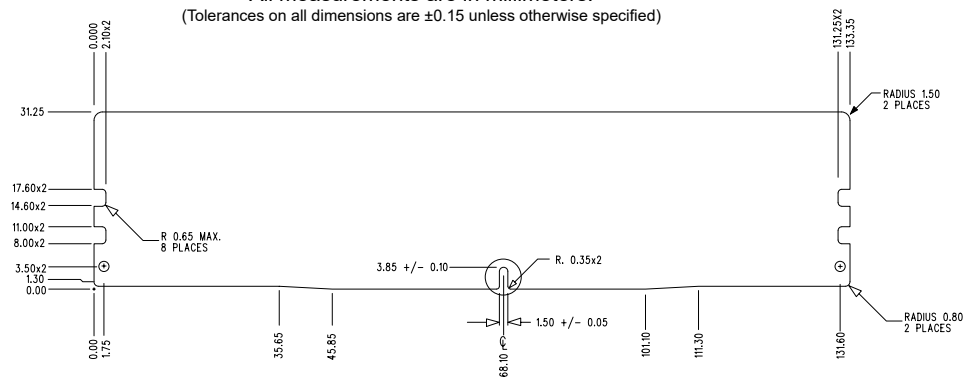
## MODULE WITH HEAT SPREADER



## MODULE DIMENSIONS



All measurements are in millimeters.  
(Tolerances on all dimensions are  $\pm 0.15$  unless otherwise specified)



The product images shown are for illustration purposes only and may not be an exact representation of the product.  
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