

**KF584CU40RS-24**

 24GB 3G x 64-Bit  
 DDR5-8400 CL40 288-Pin CUDIMM

**DEFAULT SPECIFICATIONS**

CL	52 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 KF584CU40RS-24 is a 3G x 64-bit (24GB) DDR5-8400 CL40 Clocked Unbuffered DIMMs (CUDIMMs) 1Rx8, memory module, based on eight 3G x 8-bit FBGA components per module. The module supports Intel® Extreme Memory Profiles (Intel® XMP) 3.0. Each module has been tested to run at DDR5-8400 at a low latency timing of 40-52-52 at 1.45V. The SPDs are programmed to JEDEC standard latency DDR5-6400 timing of 52-52-52 at 1.1V. Each 288-pin DIMM uses gold contact fingers. The JEDEC standard electrical and mechanical specifications are as follows:

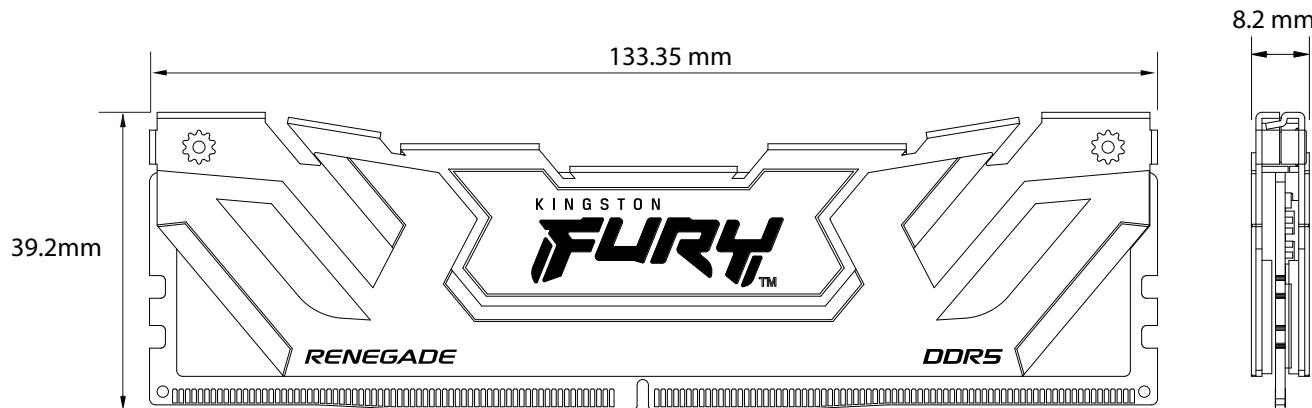
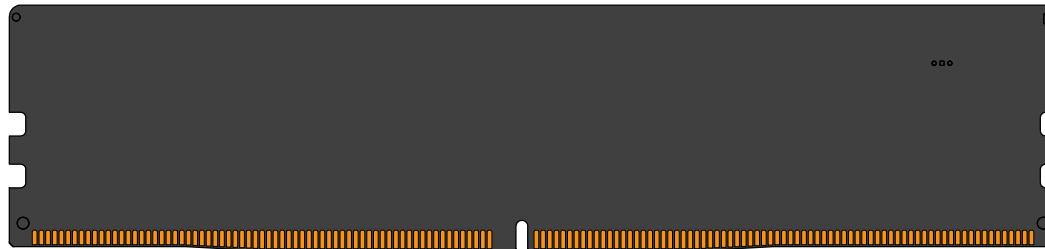
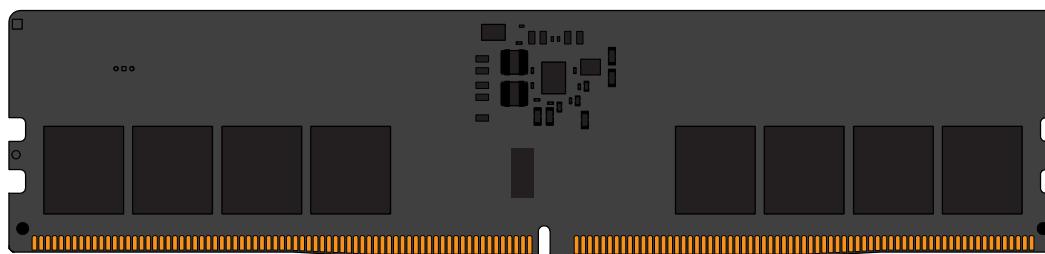
**DEFAULT FEATURES**

- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- Height 1.54" (39.2mm), w/heatsink

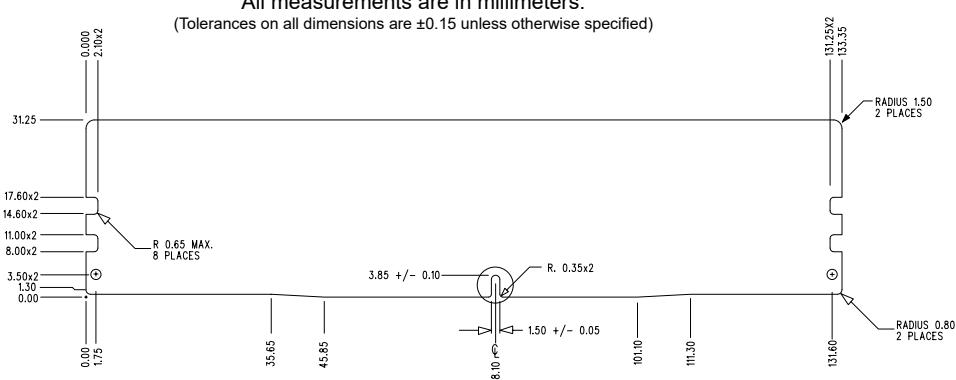
**FACTORY TIMING PARAMETERS**

- Default (JEDEC): DDR5-6400 CL52-52-52 @1.1V
- XMP Profile #1: DDR5-8400 CL40-52-52 @1.45V
- XMP Profile #2: DDR5-8000 CL38-48-48 @1.45V
- XMP Profile #3: DDR5-7600 CL38-46-46 @1.45V

Continued &gt;&gt;

**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.  
Kingston reserves the right to change any information at anytime without notice.

FOR MORE INFORMATION, GO TO [KINGSTON.COM](http://KINGSTON.COM)

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.