




# HyperX HX424C15FB3A/8 8GB 1G x 64-Bit DDR4-2400 CL15 288-Pin DIMM Memory Module User Guide

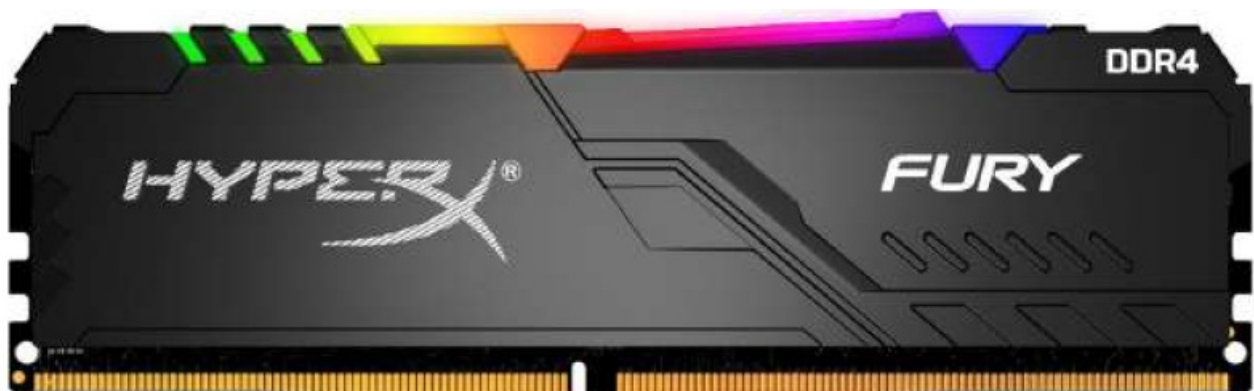
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HyperX HX424C15FB3A/8 8GB 1G x 64-Bit DDR4-2400 CL15 288-Pin DIMM Memory Module





## DESCRIPTION

HyperX HX424C15FB3A/8 is a 1G x 64-bit (8GB) DDR4-2400 CL15 SDRAM (Synchronous DRAM) 1Rx8, memory module, based on eight 1G x 8-bit FBGA components per module. Each module supports Intel® Extreme Memory Profiles (Intel® XMP) 2.0. Each module has been tested to run at DDR4-2400 at a low latency timing of 15-15-15 at 1.2V. Additional timing parameters are shown in the Plug-N-Play (PnP) Timing Parameters section below. The JEDEC standard electrical and mechanical specifications are as follows:

**Note:** The PnP feature offers a range of speed and timing options to support the widest variety of processors and chipsets. Your maximum speed will be determined by your BIOS.

## FACTORY TIMING PARAMETERS

- Default (Plug N Play): DDR4-2400 CL15-15-15 @1.2V
- XMP Profile #1: DDR4-2400 CL15-15-15 @1.2V

## SPECIFICATIONS

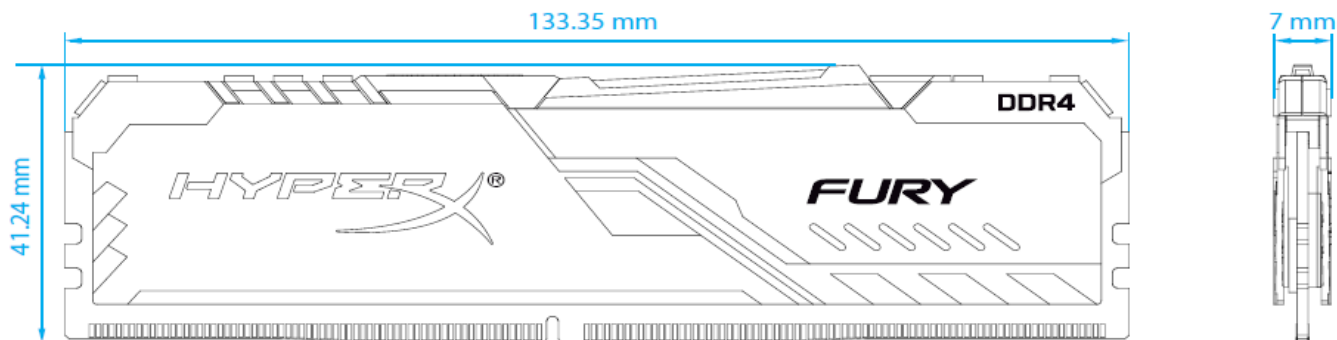
- **CL(IDD):** 15 cycles
- **Row Cycle Time (tRCmin):** 45.75ns(min.)
- **Refresh to Active/Refresh Command Time (tRFCmin):** 350ns(min.)
- **Row Active Time (tRASmin):** 29.125ns(min.)
- **UL Rating:** 94 V – 0
- **Operating Temperature:** 0o C to +70o C
- **Storage Temperature:** -40o C to +85o C

## FEATURES

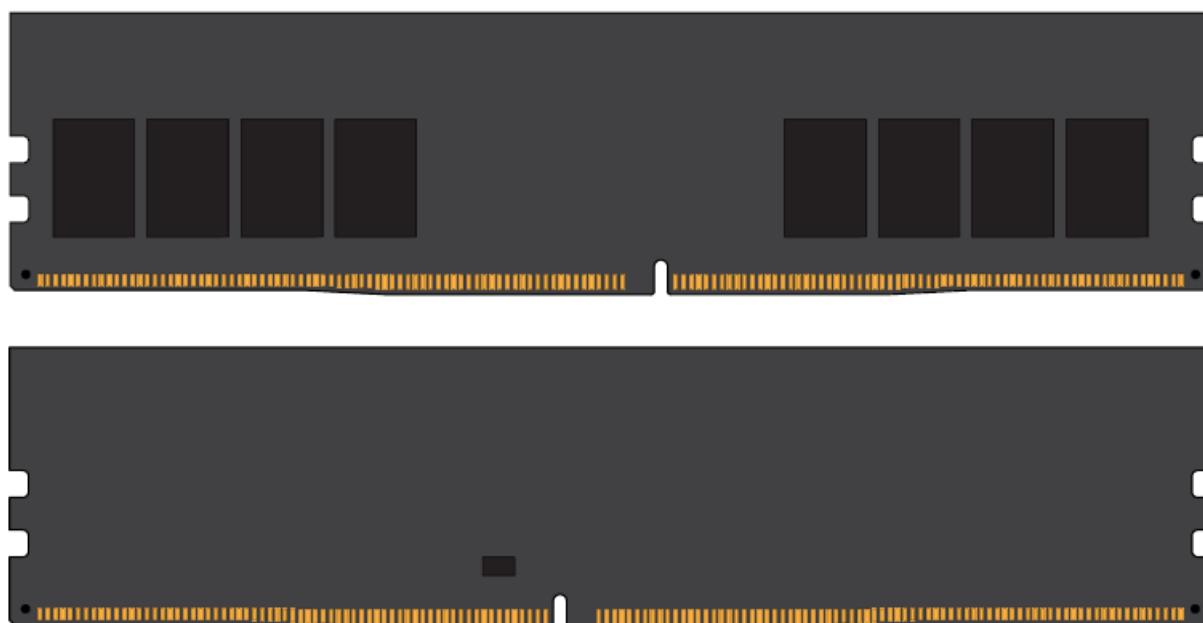
- Power Supply: VDD = 1.2V Typical
- VDDQ = 1.2V Typical
- VPP = 2.5V Typical
- VDDSPD = 2.2V to 3.6V
- On-Die termination (ODT)
- 16 internal banks; 4 groups of 4 banks each
- Bi-Directional Differential Data Strobe
- 8 bit pre-fetch
- Burst Length (BL) switch on-the-fly BL8 or BC4(Burst Chop)
- Height 1.624" (41.24mm), w/heatsink

## MODULE WITH HEAT SPREADER

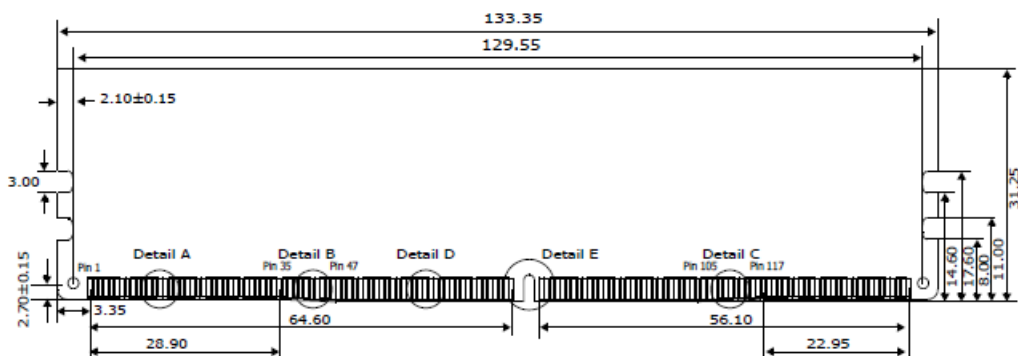




## MODULE DIMENSIONS



All measurements are in millimeters.  
(Tolerances on all dimensions are  $\pm 0.12$  unless otherwise specified)



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

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




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Documents / Resources

	<p><a href="#">HyperX HX424C15FB3A/8 8GB 1G x 64-Bit DDR4-2400 CL15 288-Pin DIMM Memory Module [pdf] User Guide</a></p> <p>HX424C15FB3A 8, 8GB 1G x 64-Bit DDR4-2400 CL15 288-Pin DIMM Memory Module, HX424C15FB3A 8 8GB 1G x 64-Bit DDR4-2400 CL15 288-Pin DIMM Memory Module, Memory Module</p>
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References

-  [HyperX | High Quality Gaming Gear](#)
-  [HyperX | High Quality Gaming Gear](#)