

# HyperX HX426C16FB3A/8 8GB 1G x 64-Bit DDR4-2400 CL15 288-Pin DIMM Memory Module User Guide

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Memory Module Specifications HX426C16FB3A/8 8GB 1G x 64-Bit DDR4-2400 CL15 288-Pin DIMM

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## **DESCRIPTION**

HyperX HX426C16FB3A/8 is a 1G x 64-bit (8GB) DDR4-2666 CL16 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 DDR4-2666 at a low latency timing of 16-18-18 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): DDR4-2666 CL16-18-18 @1.2V

XMP Profile #1: DDR4-2666 CL16-18-18 @1.2V

### **SPECIFICATIONS**

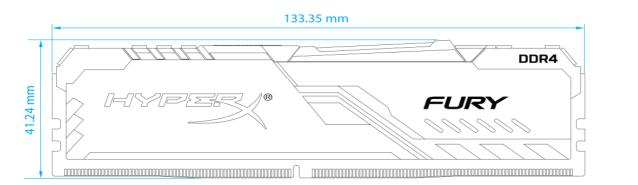
CL(IDD)	16 cycles
Row Cycle Time (tRCmin)	45.75ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	350ns(min.)
Row Active Time (tRASmin)	29.25ns(min.)
UL Rating	94 V – 0
Operating Temperature	C0 C to +70
Storage Temperature	-40o C to +85 oC

# **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

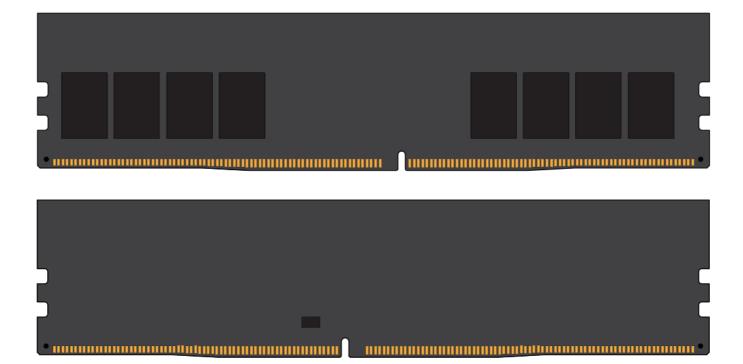
- Bi-Directional Differential Data Strobe
- 8 bit pre-fetch
- Burst Length (BL) switch on-the-fly BL8 or BC4(Burst Chop)
- Height 1.624" (41.24mm), w/heatsink

## **MODULE WITH HEAT SPREADER**



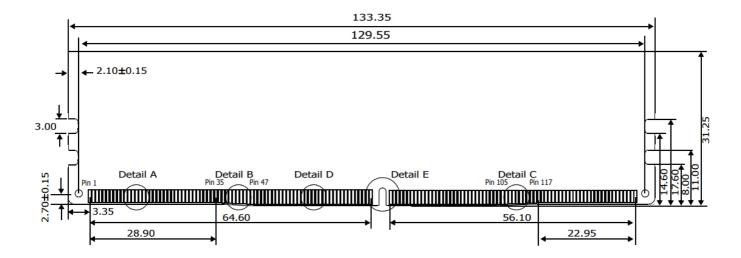


## **MODULE DIMENSIONS**



#### All measurements are in millimeters.

(Tolerances on all dimensions are ±0.12 unless otherwise specified)



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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 computers faster than the published speed. Overclocking or modifying your system timing may result in damage to computer components, the published HyperX 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.



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#### **Documents / Resources**



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HX426C16FB3A 8, 8GB 1G x 64-Bit DDR4-2400 CL15 288-Pin DIMM Memory Module, HX426 C16FB3A 8 8GB 1G x 64-Bit DDR4-2400 CL15 288-Pin DIMM Memory Module, Memory Module e

#### References

- <u>MyperX | High Quality Gaming Gear</u>
- HyperX | High Quality Gaming Gear

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