


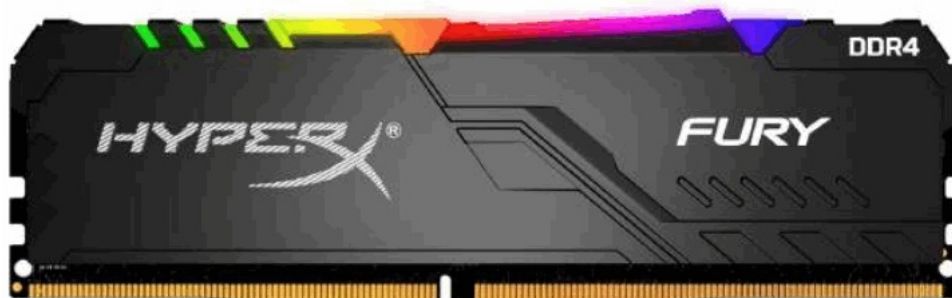


HyperX HX434C16FB3A/8 8GB 1G x 64-Bit DDR4-3466 CL16 288-Pin DIMM Memory Module User Guide

[Home](#) » [HYPERX](#) » HyperX HX434C16FB3A/8 8GB 1G x 64-Bit DDR4-3466 CL16 288-Pin DIMM Memory Module User Guide 



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Contents

- [1 DESCRIPTION](#)
- [2 SPECIFICATIONS](#)
- [3 Documents / Resources](#)
 - [3.1 References](#)
- [4 Related Posts](#)

DESCRIPTION

HyperX HX434C16FB3A/8 is a 1G x 64-bit (8GB) DDR4-3466 CL16 SDRAM (Synchronous DRAM) 1Rx8, memory module, based on eight 1G x 8-bit FBGA components per module. Each module kit supports Intel®

Extreme Memory Profiles (Intel® XMP) 2.0. Each module has been tested to run at DDR4-3466 at a low latency timing of 16-18-18 at 1.35V. The SPDs are programmed to JEDEC standard latency DDR4-2400 timing of 17-17-17 at 1.2V. Each 288-pin DIMM uses gold contact fingers. The JEDEC standard electrical and mechanical specifications are as follows:

FACTORY TIMING PARAMETERS

• Default (JEDEC):	DDR4-2400 CL17-17-17 @1.2V
• XMP Profile #1:	DDR4-3466 CL16-18-18 @1.35V
• XMP Profile #2:	DDR4-3000 CL15-17-17 @1.35V

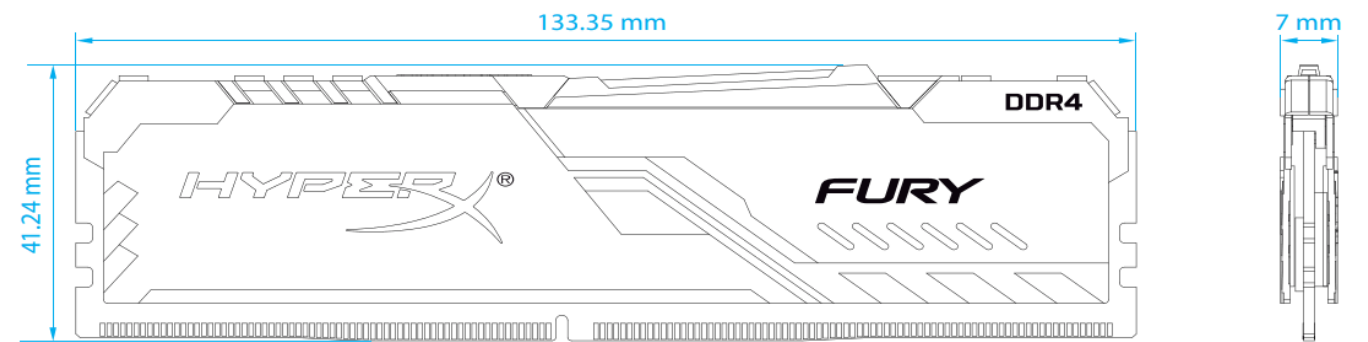
SPECIFICATIONS

CL(IDD)	17 cycles
Row Cycle Time (trimming)	45.75ns(min.)
Refresh to Active/Refresh Command Time (tricin)	350ns(min.)
Row Active Time (transman)	32ns(min.)
UL Rating	94 V – 0
Operating Temperature	o° C to +70o
Storage Temperature	-40° C to +85 C

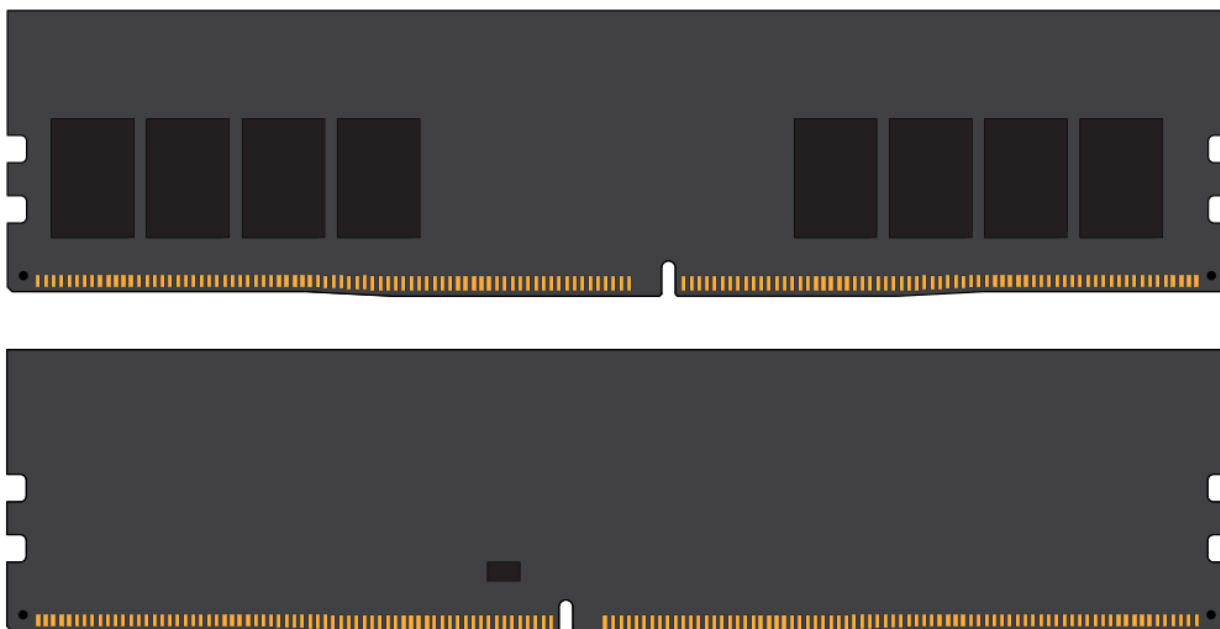
FEATURES

- 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

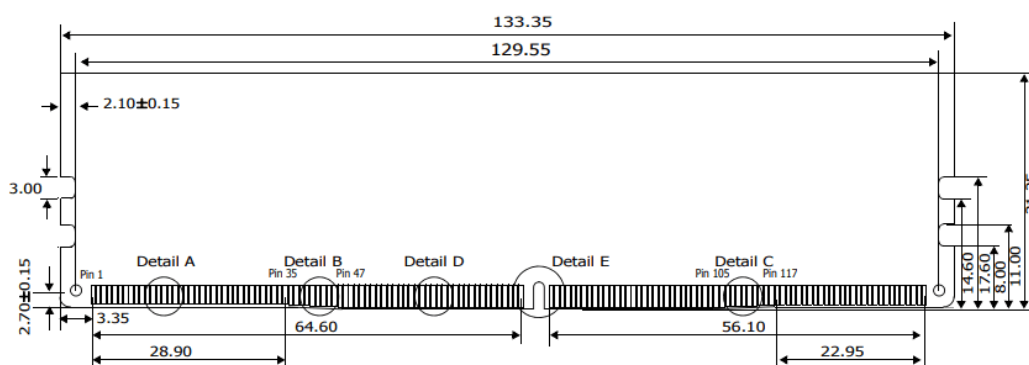
MODULE WITH HEAT SPREADER



MODULE DIMENSIONS



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



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FOR MORE INFORMATION, GO TO HYPERXGAMING.COM

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Documents / Resources

	<p>HyperX HX434C16FB3A/8 8GB 1G x 64-Bit DDR4-3466 CL16 288-Pin DIMM Memory Module [pdf] User Guide</p> <p>HX434C16FB3A 8, 8GB 1G x 64-Bit DDR4-3466 CL16 288-Pin DIMM Memory Module, HX434 C16FB3A 8 8GB 1G x 64-Bit DDR4-3466 CL16 288-Pin DIMM Memory Module, DIMM Memory Module, Memory Module</p>
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References

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

[Manuals+](#).