

KF426C13RB1/16

16GB 2G x 64-Bit DDR4-2666 CL13 288-Pin DIMM



DESCRIPTION

FURY KF426C13RB1/16 is a 2G x 64-bit (16GB) DDR4-2666 CL13 SDRAM (Synchronous DRAM) 2Rx8, memory module, based on sixteen 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 DDR4-2666 at a low latency timing of 13-15-15 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:

SPECIFICATIONS

CL(IDD)	17 cycles
Row Cycle Time (tRCmin)	45.75ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	350ns(min.)
Row Active Time (tRASmin)	32ns(min.)
UL Rating	04.1/ 0
OLINaling	94 V - 0
Operating Temperature	0° 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 1.66" (42.2mm), w/heatsink

FACTORY TIMING PARAMETERS

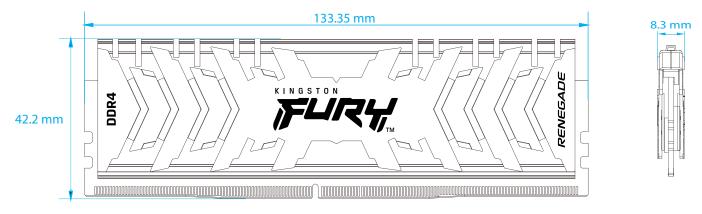
 Default (JEDEC): 	DDR4-2400 CL17-17-17 @1.2V
XMP Profile #1:	DDR4-2666 CL13-15-15 @1.35V

- XMP Profile #2: DDR4-2400 CL12-14-14 @1.35V
- 7.00 1 1010 #2. DD1(4-2400 CE 12-14-14 @1.330

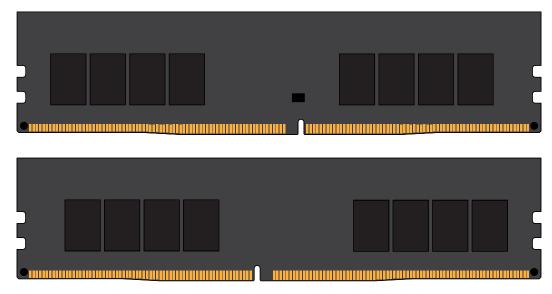
Continued >>



MODULE WITH HEAT SPREADER

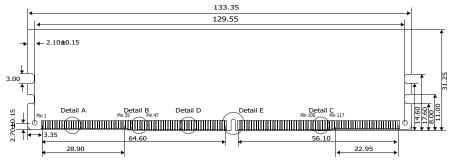


MODULE DIMENSIONS



All measurements are in millimeters.

(Tolerances on all dimensions are ± 0.12 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

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.

©2021 Kingston Technology Corporation, 17600 Newhope Street, Fountain Valley, CA 92708 USA. All rights reserved. Kingston FURY and the Kingston FURY logo are trademarks of Kingston Technology Corporation. All trademarks are the property of their respective owners.