## KF560C30BBEAK2-16
16GB (8GB 1G x 64-Bit x 2 pcs.)
DDR5-6000 CL30 288-Pin DIMM Kit
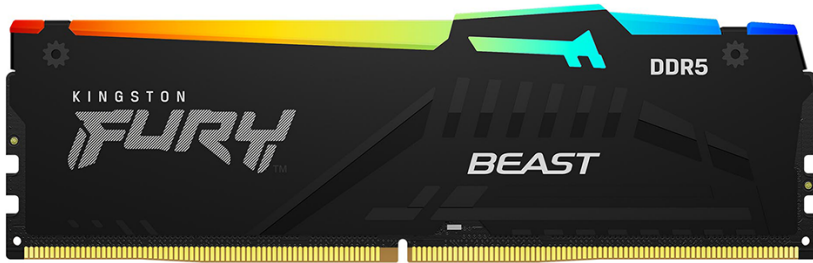


## DEFAULT SPECIFICATIONS

| | |
|---|---|
| CL(IDD) | 40 cycles |
| Row Cycle Time (tRCmin) | 48ns(min.) |
| Refresh to Active/Refresh Command Time (tRFCmin) | 295ns(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 KF560C30BBEAK2-16 is a kit of two 1G x 64-bit (8GB) DDR5-6000 CL30 SDRAM (Synchronous DRAM) 1Rx16, memory module, based on four 1G x 16-bit FBGA components per module. Each module kit supports AMD® EXPO v1.1 and Intel® Extreme Memory Profiles (Intel® XMP) 3.0. Total kit capacity is 16GB. Each module has been tested to run at DDR5-6000 at a low latency timing of 30-36-36 at 1.4V. The SPDs are programmed to JEDEC standard latency DDR5-4800 timing of 40-39-39 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 1.66" (42.23mm), w/heatsink
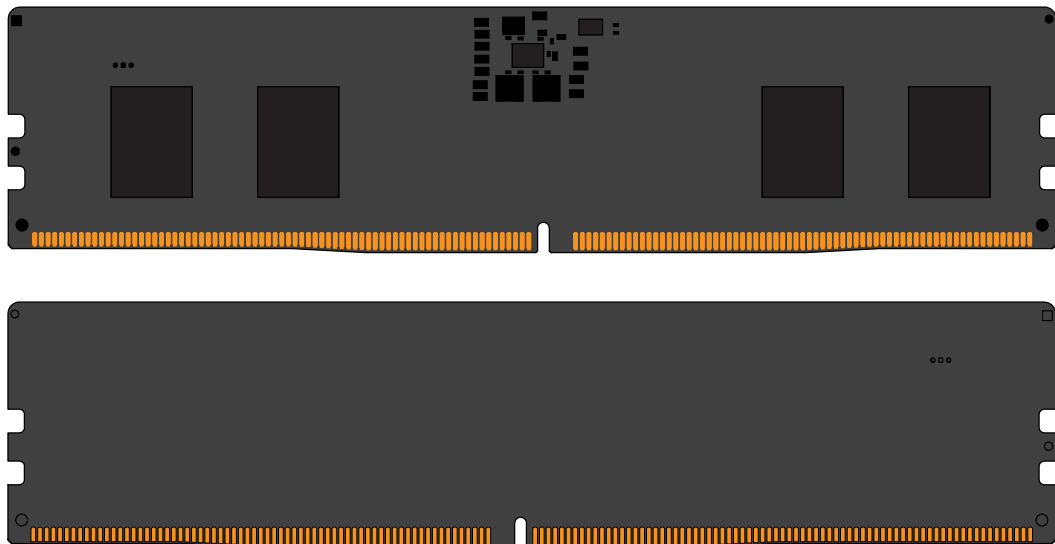
## FACTORY TIMING PARAMETERS

| | |
|---|---|
| • Default (JEDEC): | DDR5-4800 CL40-39-39 @1.1V |
| • EXPO Profile #0: | DDR5-6000 CL30-36-36 @1.4V |
| • EXPO Profile #1: | DDR5-5600 CL40-40-40 @1.25V |
| • XMP Profile #1: | DDR5-6000 CL30-36-36 @1.4V |
| • XMP Profile #2: | DDR5-5600 CL40-40-40 @1.25V |

## MODULE WITH HEAT SPREADER

133.35 mm

7.11 ± 0.3mm

42.23 mm

DDR5

Kingston FURY Beast
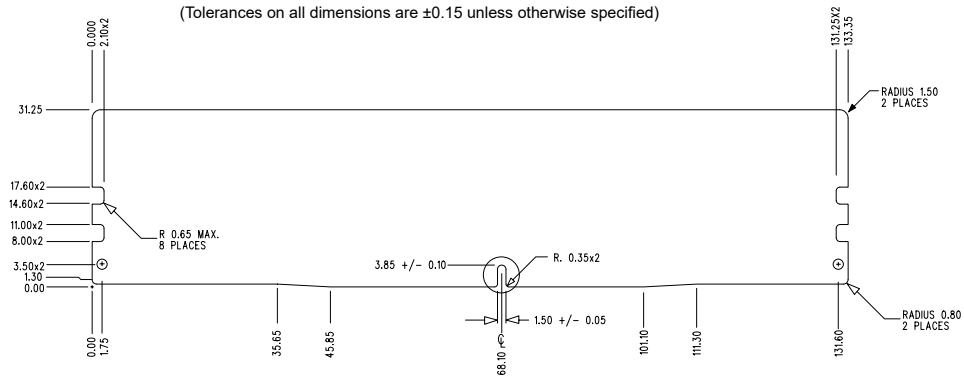
## MODULE DIMENSIONS



All measurements are in millimeters.
(Tolerances on all dimensions are ±0.15 unless otherwise specified)

0.000
2.10x2

131.25X2
133.35

RADIUS 1.50
2 PLACES

31.25

17.60x2
14.60x2
11.00x2
8.00x2

R 0.65 MAX.
8 PLACES

3.50x2
1.30
0.00

3.85 +/- 0.10

R. 0.35x2

RADIUS 0.80
2 PLACES

0.00
1.75

35.65
45.85

68.10

1.50 +/- 0.05

101.10
111.30

131.60

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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 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.