

KF436C17BB2AK4/32

32GB (8GB 1G x 64-Bit x 4 pcs.)

DDR4-3600 CL17 288-Pin DIMM Kit



SPECIFICATIONS

| | |
|--|------------------|
| CL(1DD) | 17 cycles |
| Row Cycle Time (tRCmin) | 45.75ns(min.) |
| Refresh to Active/Refresh Command Time (tRFCmin) | 260ns(min.) |
| Row Active Time (tRASmin) | 32ns(min.) |
| UL Rating | 94 V - 0 |
| Operating Temperature | 0° C to +70° C |
| Storage Temperature | -40° C to +85° C |

DESCRIPTION

Kingston FURY KF436C17BB2AK4/32 is a kit of four 1G x 64-bit (8GB) DDR4-3600 CL17 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. Total kit capacity is 32GB. Each module has been tested to run at DDR4-3600 at a low latency timing of 17-21-21 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:

FEATURES

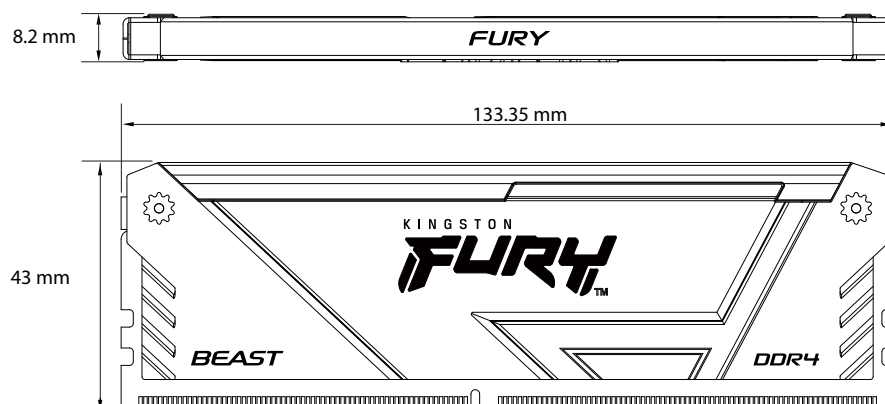
- Power Supply: VDD = 1.2V Typical
- VDDQ = 1.2V Typical
- VPP = 2.5V Typical
- VDDSPD = 2.2V to 3.6V
- On-Die termination (ODT)
- 16 internal banks; 4 groups of 4 banks each
- Bi-Directional Differential Data Strobe
- 8 bit pre-fetch
- Burst Length (BL) switch on-the-fly BL8 or BC4(Burst Chop)
- Height 1.69" (43mm), w/heatsink

FACTORY TIMING PARAMETERS

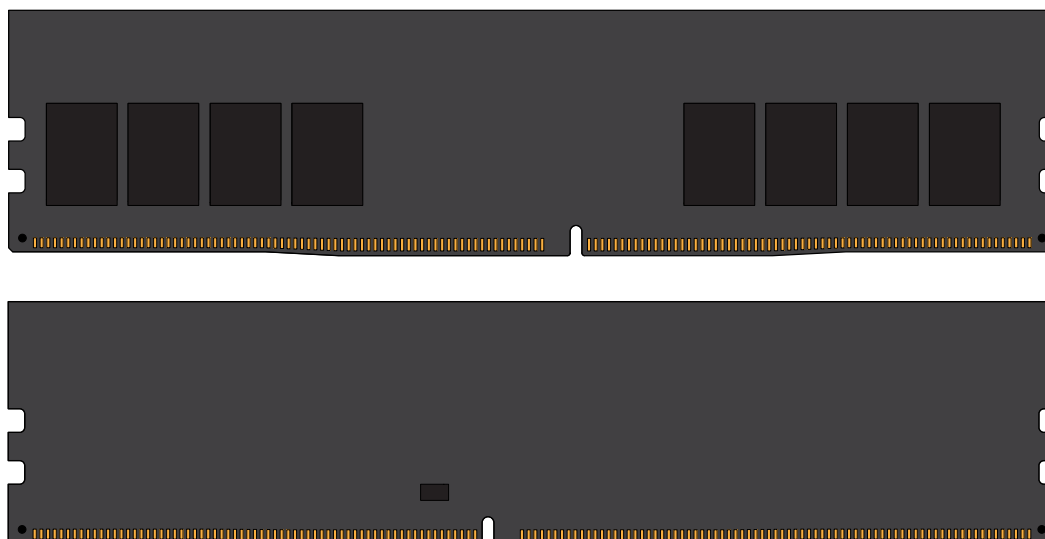
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|--------------------|-----------------------------|
| • Default (JEDEC): | DDR4-2400 CL17-17-17 @1.2V |
| • XMP Profile #1: | DDR4-3600 CL17-21-21 @1.35V |
| • XMP Profile #2: | DDR4-3000 CL15-17-17 @1.35V |

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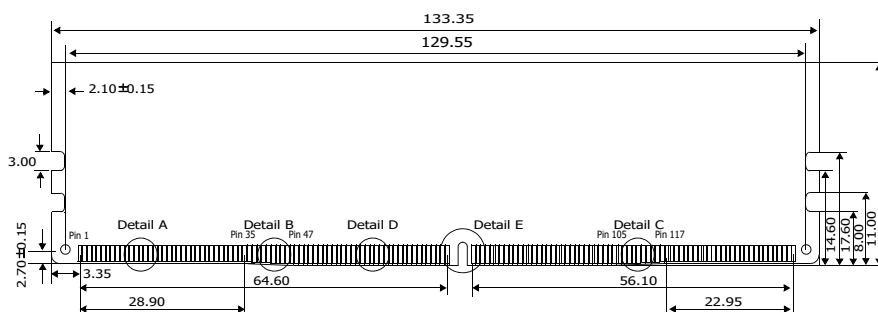
MODULE WITH HEAT SPREADER



MODULE DIMENSIONS



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



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