

Memory Module Specifications

KF572C38RSAK2-32TR

32GB (16GB 2G x 64-Bit x 2 pcs.)

DDR5-7200 CL38 288-Pin DIMM Kit



SPECIFICATIONS

CL	46 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 KF572C38RSAK2-32TR is a kit of two 2G x 64-bit (32GB) DDR5-7200 CL38 SDRAM (Synchronous DRAM) 1Rx8, memory module, based on eight 2G x 8-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 32GB. Each module has been tested to run at DDR5-7200 at a low latency timing of 38-44-44 at 1.45V. The SPDs are programmed to JEDEC standard latency DDR5-5600 timing of 46-45-45 at 1.1V. Each 288-pin DIMM uses gold contact fingers. The JEDEC standard electrical and mechanical specifications are as follows:

FEATURES

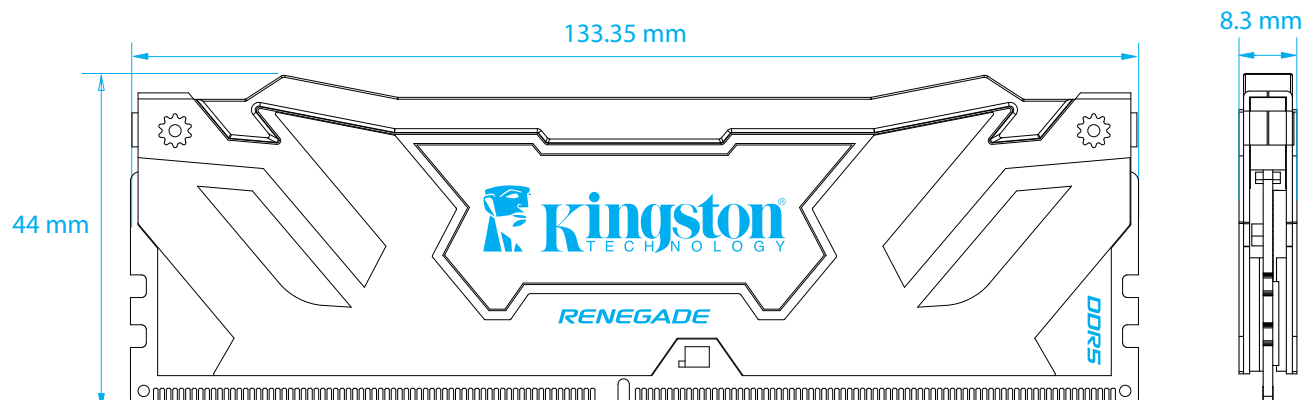
- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- Height 1.73" (44.00mm), w/heatsink

FACTORY TIMING PARAMETERS

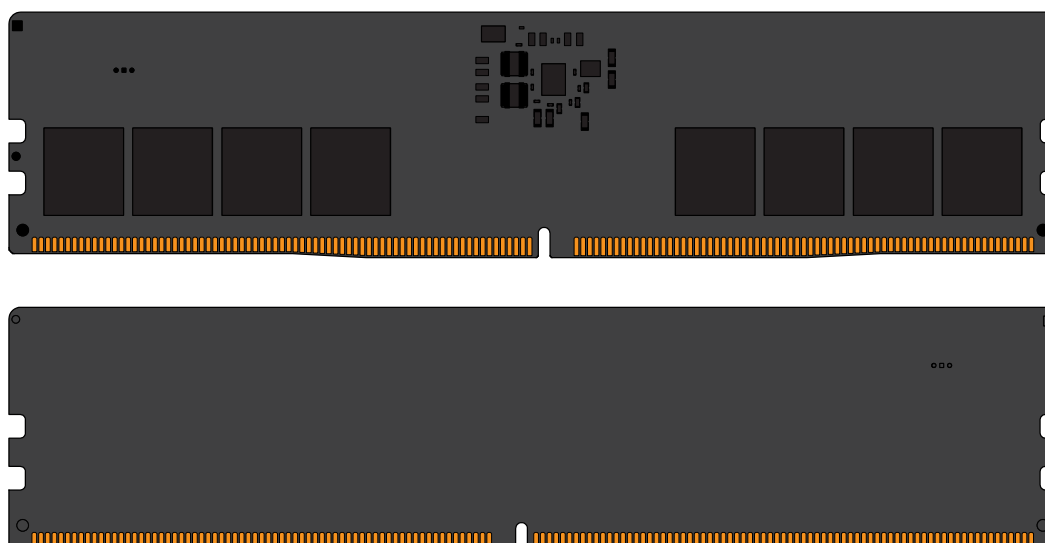
- Default (JEDEC): DDR5-5600 CL46-45-45 @1.1V
- EXPO Profile #0: DDR5-7200 CL38-44-44 @1.45V
- EXPO Profile #1: DDR5-6400 CL32-39-39 @1.4V
- XMP Profile #1: DDR5-7200 CL38-44-44 @1.45V
- XMP Profile #2: DDR5-6400 CL32-39-39 @1.4V

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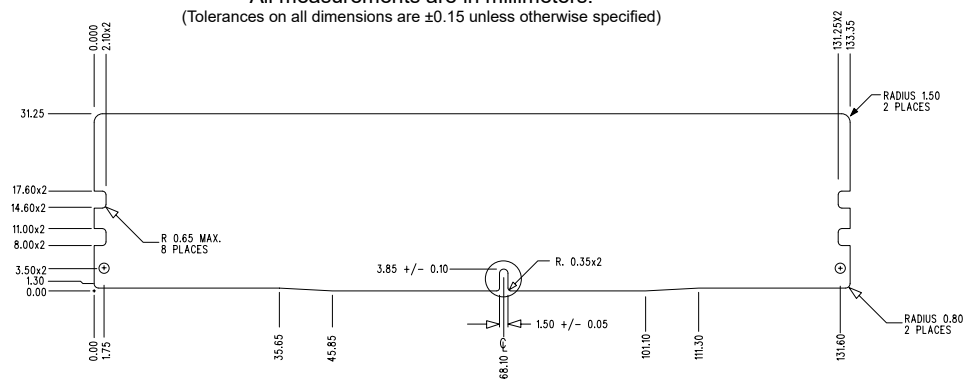
MODULE WITH HEAT SPREADER



MODULE DIMENSIONS



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



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