KF560C40BB-32

32GB 4G x 64-Bit
DDR5-6000 CL40 288-Pin DIMM
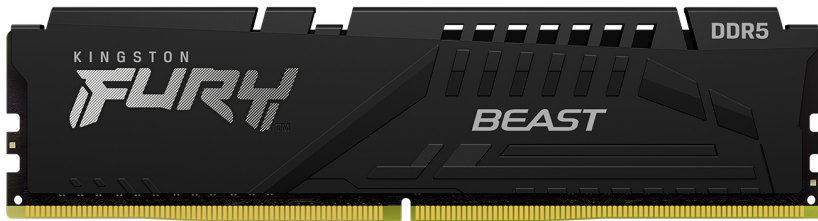
SPECIFICATIONS

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 KF560C40BB-32 is a 4G x 64-bit (32GB) DDR5-6000 CL40 SDRAM (Synchronous DRAM) 2Rx8, memory module, based on sixteen 2G x 8-bit FBGA components per module. The module supports Intel® Extreme Memory Profiles (Intel® XMP) 3.0. Each module has been tested to run at DDR5-6000 at a low latency timing of 40-40-40 at 1.35V. 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:

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 1.37" (34.9mm), w/heatsink

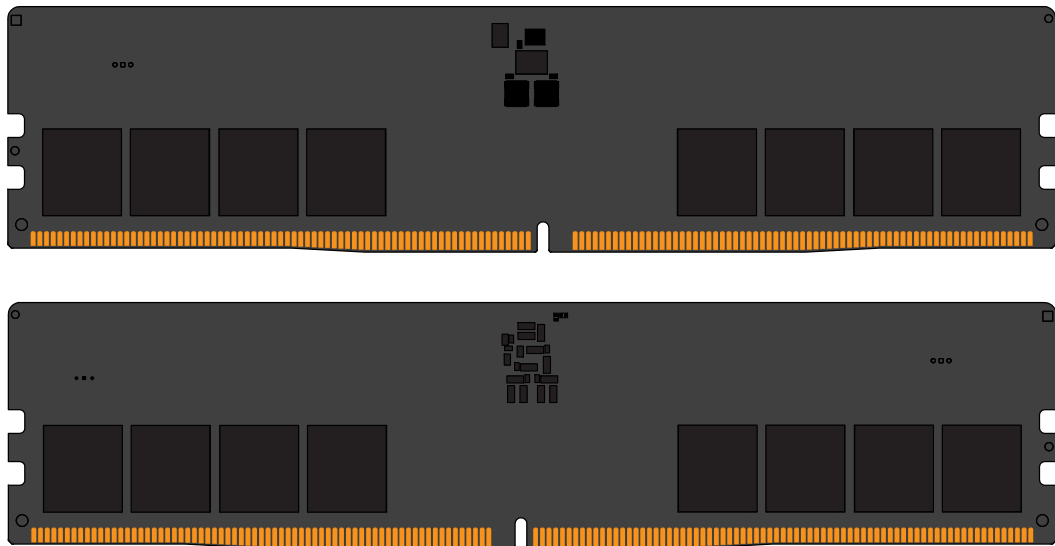## FACTORY TIMING PARAMETERS

- Default (JEDEC):   DDR5-4800 CL40-39-39 @1.1V
- XMP Profile #1:   DDR5-6000 CL40-40-40 @1.35V
- XMP Profile #2:   DDR5-5600 CL40-40-40 @1.25V
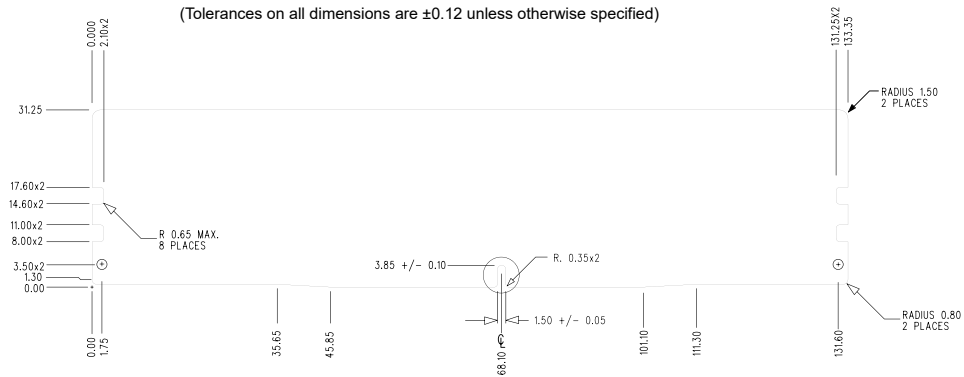- XMP Profile #3:   DDR5-4800 CL38-38-38 @1.1V

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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