KF556C40BBK2-32

32GB (16GB 2G x 64-Bit x 2 pcs.)
DDR5-5600 CL40 288-Pin DIMM Kit
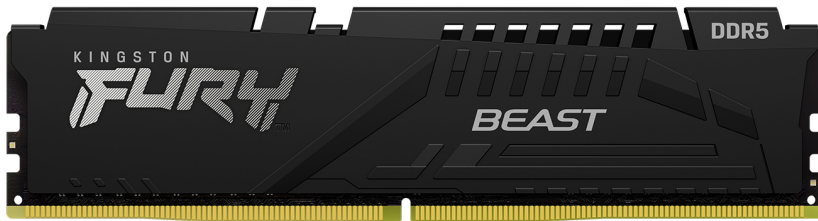
SPECIFICATIONS

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

FURY KF556C40BBK2-32 is a kit of two 2G x 64-bit (16GB) DDR5-5600 CL40 SDRAM (Synchronous DRAM) 1Rx8, memory module, based on eight 2G x 8-bit FBGA components per module. Each module kit supports Intel® Extreme Memory Profiles (Intel® XMP) 3.0. Total kit capacity is 32GB. Each module has been tested to run at DDR5-5600 at a low latency timing of 40-40-40 at 1.25V. 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:
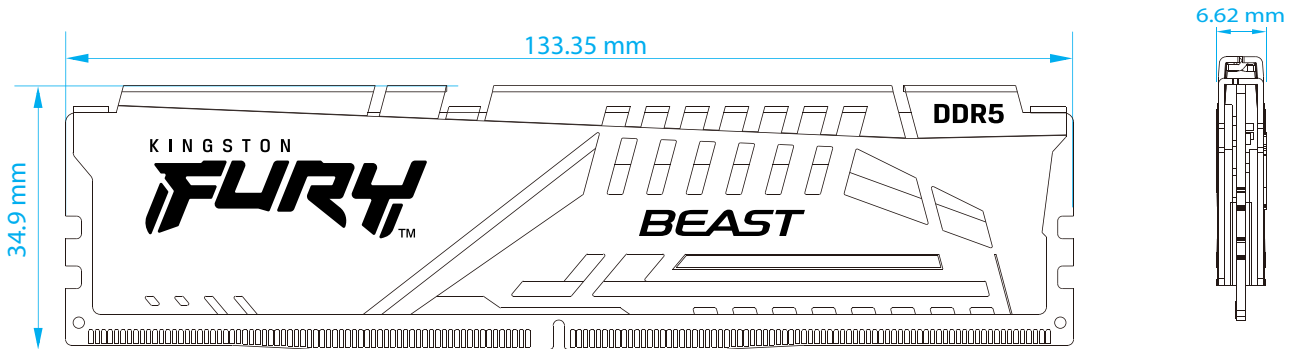
FEATURES

• 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
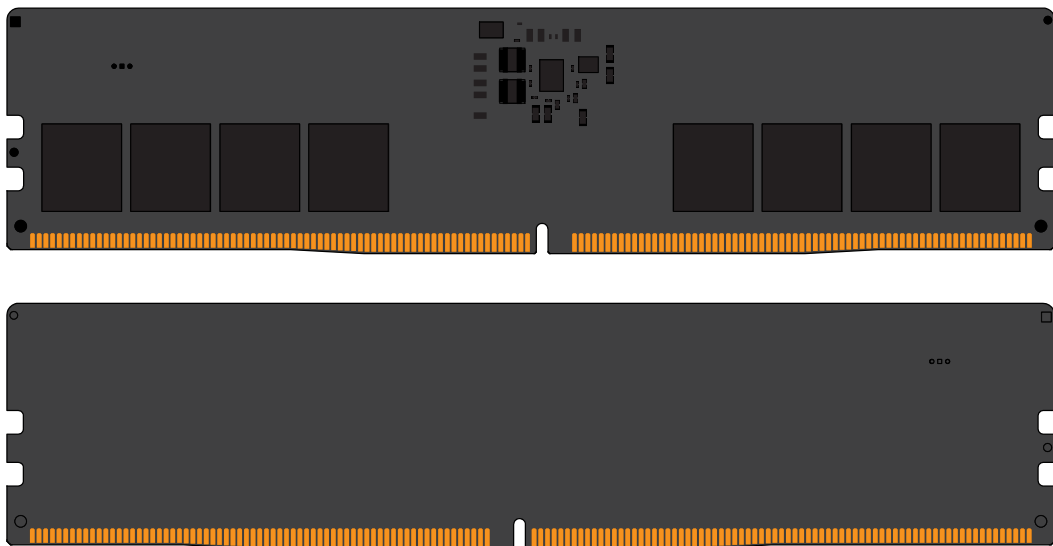
FACTORY TIMING PARAMETERS

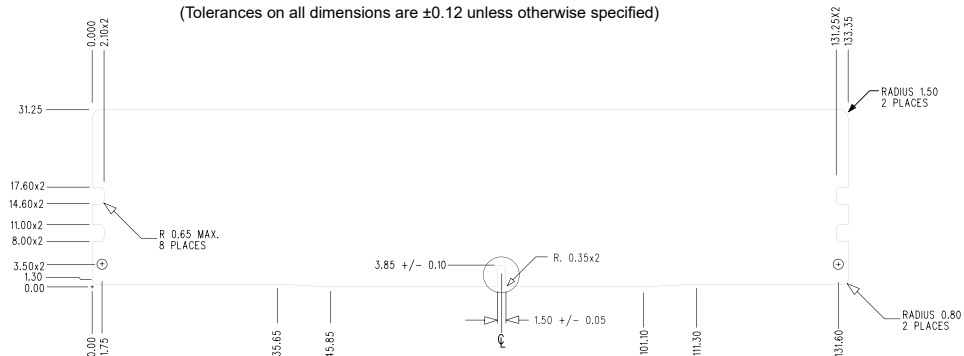|	
• Default (JEDEC):	DDR5-4800 CL40-39-39 @1.1V
• XMP Profile #1:	DDR5-5600 CL40-40-40 @1.25V
• XMP Profile #2:	DDR5-5200 CL40-40-40 @1.25V
• XMP Profile #3:	DDR5-4800 CL38-38-38 @1.1V

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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All Kingston products are tested to meet our published specifications. Some motherboards or system configurations may not operate at the published 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.