KF556S40IBK2-32

32GB (16GB 2G x 64-Bit x 2 pcs.)
DDR5-5600 CL40 262-Pin SODIMM 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)	28.56ns(min.)
UL Rating	94 V - 0
Operating Temperature	0° C to +85° C
Storage Temperature	-55° C to +100° C

DESCRIPTION

Kingston FURY KF556S40IBK2-32 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. 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 1.1V. Additional timing parameters are shown in the Plug-N-Play (PnP) Timing Parameters section below. Each 262-pin DIMM uses gold contact fingers. The JEDEC standard electrical and mechanical specifications are as follows:

Note: The PnP feature offers a range of speed and timing options to support the widest variety of processors and chipsets. Your maximum speed will be determined by your BIOS.

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 1.18” (30mm)

FACTORY TIMING PARAMETERS

- Default (Plug N Play): DDR5-5600 CL40-40-40 @ 1.1V

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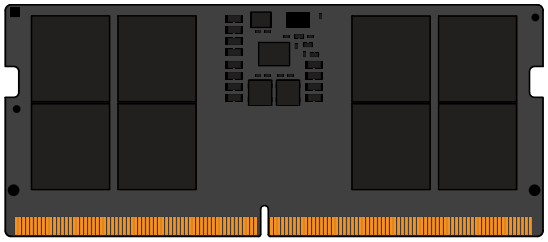
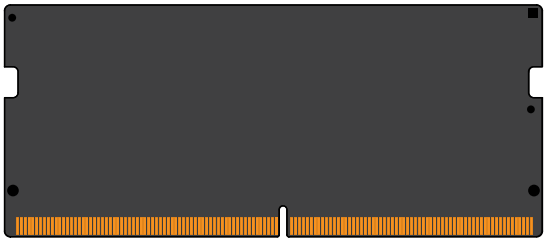
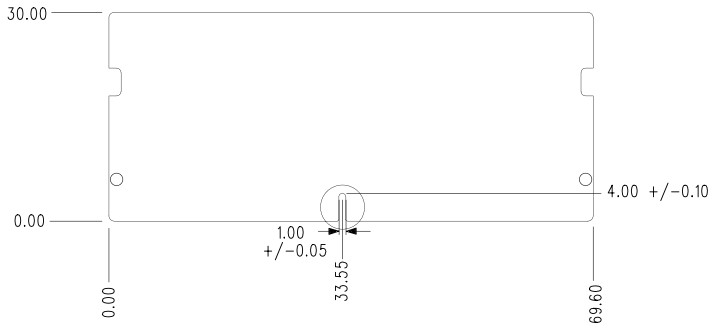
MODULE DIMENSIONS





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 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.

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