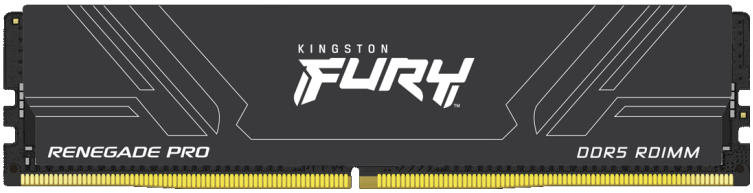
KF572RH38RBK4-128

128GB (32GB 1Rx8 4G x 80-Bit x 4 pcs)
PC5-7200 CL38 Registered EC8 288-Pin DIMM



DEFAULT SPECIFICATIONS

CL	52 cycles
Row Cycle Time (tRCmin)	48ns(min.)
Refresh to Active/Refresh Command Time (tRFCmin)	410ns(min.)
Row Active Time (tRASmin)	32ns(min.)
Row Precharge Time (tRPmin)	16ns(min.)
UL Rating	94 V - 0
Operating Temperature	0° C to +95° C
Storage Temperature	-55° C to +100° C

DESCRIPTION

Kingston FURY KF572RH38RBK4-128 is a kit of four 4G x 80-bit (32GB) DDR5-7200 CL38 SDRAM (Synchronous DRAM) 1Rx8, ECC memory module, based on ten 4G x 8-bit FBGA components per module. The module supports Intel® Extreme Memory Profiles (Intel® XMP) 3.0 and AMD® EXPO v 1.1. Each module has been tested to run at DDR5-7200 at a low latency timing of 38-50-50 at 1.4V. The SPDs are programmed to JEDEC standard latency DDR5-6400 timing of 52-52-52 at 1.1V. Each 288-pin DIMM uses gold contact fingers. The JEDEC standard electrical and mechanical specifications are as follows:

DEFAULT FEATURES

- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- x80 ECC (x40, 2 independent I/O sub channels)
- 32 internal banks
- Hard/Soft Post Package Repair
- Sideband access with I3C/I2C
- PCB: Height 1.23” (31.25mm)
- RoHS Compliant and Halogen-Free

FACTORY TIMING PARAMETERS

- Default (JEDEC): DDR5-6400 CL52-52-52 @1.1V
- EXPO Profile #0: DDR5-7200 CL38-50-50 @1.4V
- EXPO Profile #1: DDR5-6800 CL36-48-48 @1.4V
- XMP Profile #1: DDR5-7200 CL38-50-50 @1.4V
- XMP Profile #2: DDR5-6800 CL36-48-48 @1.4V

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MODULE DIMENSIONS

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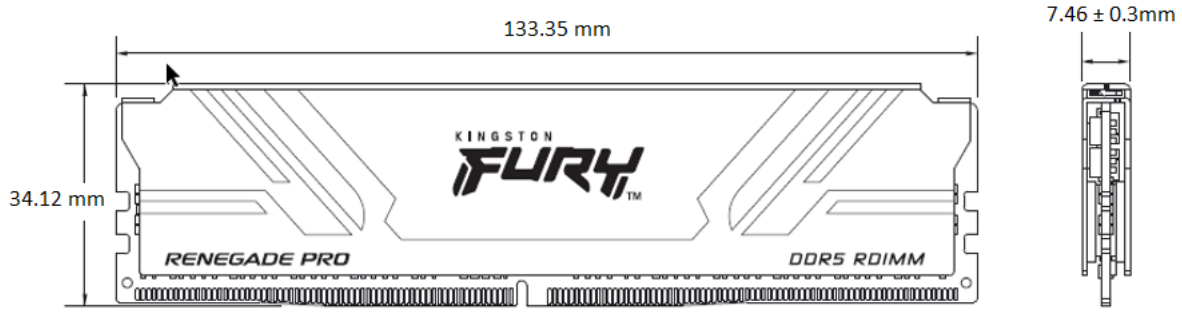

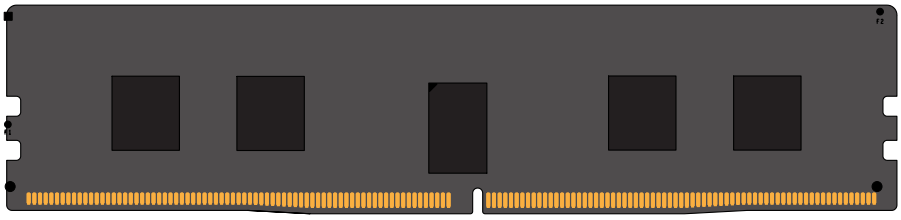

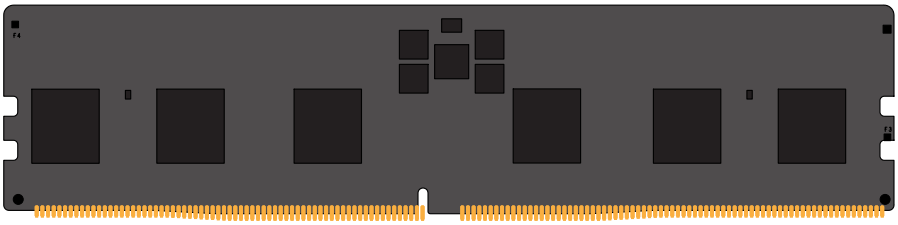

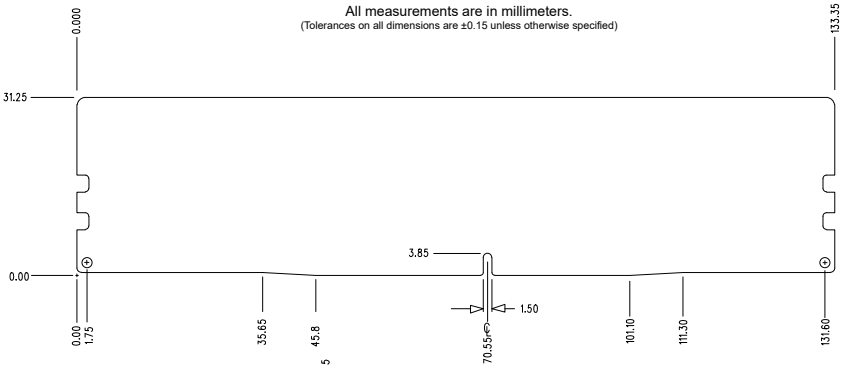

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