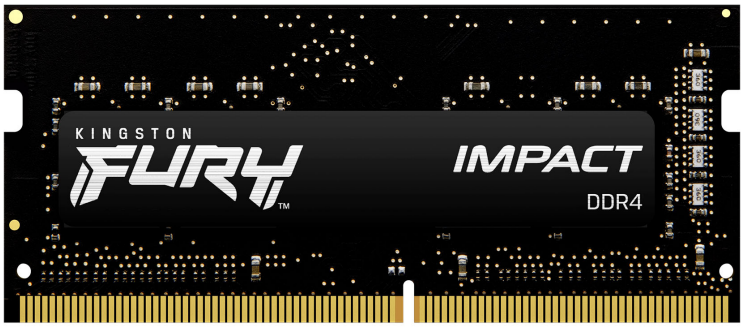
# KF429S17IB/16

16GB 2G x 64-Bit
DDR4-2933 CL17 260-Pin SODIMM




## SPECIFICATIONS

| | |
|---|---|
| CL(IDD) | 17 cycles |
| Row Cycle Time (tRCmin) | 45.75ns(min.) |
| Refresh to Active/Refresh Command Time (tRFCmin) | 350ns(min.) |
| Row Active Time (tRASmin) | 26.55ns(min.) |
| UL Rating | 94 V - 0 |
| Operating Temperature | 0° C to +85° C |
| Storage Temperature | -55° C to +100° C |

## DESCRIPTION

FURY KF429S17IB/16 is a 2G x 64-bit (16GB) DDR4-2933 CL17 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) 2.0. Each module has been tested to run at DDR4-2933 at a low latency timing of 17-19-19 at 1.2V. Additional timing parameters are shown in the Plug-N-Play (PnP) Timing Parameters section below. 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 = 1.2V Typical
- VDDQ = 1.2V Typical
- VPP = 2.5V Typical
- VDDSPD = 2.2V to 3.6V
- On-Die termination (ODT)
- 16 internal banks; 4 groups of 4 banks each
- Bi-Directional Differential Data Strobe
- 8 bit pre-fetch
- Burst Length (BL) switch on-the-fly BL8 or BC4(Burst Chop)
- Height 1.18” (30.00mm)

## FACTORY TIMING PARAMETERS

- Default (Plug N Play): DDR4-2933 CL17-19-19 @1.2V
- XMP Profile #1: DDR4-2933 CL17-19-19 @1.2V
- XMP Profile #2: DDR4-2666 CL16-18-18 @1.2V

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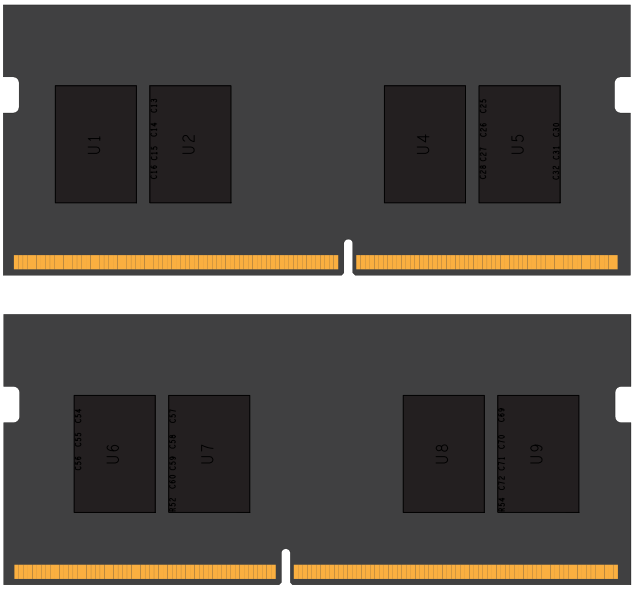
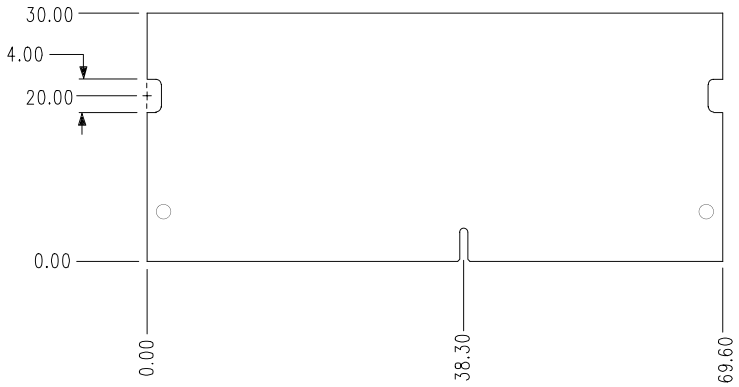
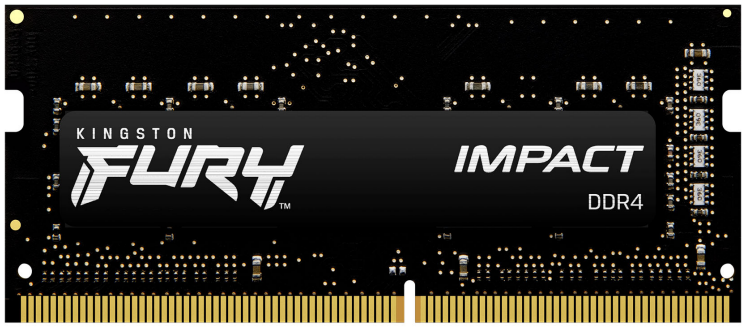
## MODULE DIMENSIONS




All measurements are in millimeters.
(Tolerances on all dimensions are ±0.12 unless otherwise specified)

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