



MAGIX[®]
X-FORCE
DDR4 UDIMM

DATASHEET

OVERVIEW:

- VDDQ = 1.2V Typical
- VPP - 2.5V Typical
- VDDSPD=2.2V to 3.6V
- Nominal and dynamic on-die termination (ODT) for data, strobe, and mask signals
- Low-power auto self refresh (LPASR)
- Data bus inversion (DBI) for data bus
- On-die VREFDQ generation and calibration
- On-board I2 serial presence-detect (SPD) EEPROM
- 16 internal banks; 4 groups of 4 banks each
- Fixed burst chop (BC) of 4 and burst length (BL) of 8 via the mode register set (MRS)
- Selectable BC4 or BL8 on-the-fly (OTF)
- Fly-by topology
- Terminated control command and address bus
- PCB: Height 1.23" (31.25mm)
- RoHS Compliant and Halogen-Free



Boost your computer performance with ease

X-FORCE DRAM module is designed for high-performance overclocking.

The heat spreader is made of pure aluminium for faster heat dissipation, and the custom performance PCB helps manage heat and provides superior overclocking headroom.

X-FORCE DRAM modules are compatibility-tested across DDR4 systems for reliably fast performance. There's XMP 2.0 support for trouble-free automatic overclocking, and each IC is individually screened for peak performance potential.

The installation is straightforward, and no computer skills are required; if you are looking for an easy, reliable and affordable way to upgrade your system, Magix Memory Modules will definitely boost the performance.

Run data-intensive applications with ease, and increase your desktop's multitasking capabilities with X-FORCE!





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SPECIFICATIONS:

- > **Row Cycle Time (tRCmin):** 45.75ns(min.)
- > **Refresh to Active/Refresh:** 350ns(min.)
- > **Command Time (tRFCmin):** 350ns(min.)
- > **Row Active Time (tRASmin):** 32ns(min.)
- > **Maximum Operating Power:** TBD W*
- > **UL Rating:** 94V-0
- > **Pins:** 288
- > **Speed:** DDR4-2666MHz
DDR4-3200MHz
- > **Bandwidth (MB/s):** PC4-21300
PC4-25600
- > **Timing:** 2666MHz 19-19-19-43
3200MHz 16-20-20-40
- > **Plug N Play:** Yes
- > **Voltage:** 2666MHz 1.2V
3200MHz 1.35V
- > **Memory Standards:** 2666MHz JEDEC
3200MHz XMP
- > **Dimensions (mm):** 162.4*49.6*8.9mm
- > **Operating Temperature:** 0° C to +70° C
- > **Storage Temperature:** -40° C to +85° C
- > **Warranty/support***:** Limited 10 -year warranty with free technical support



MAGIX PART NUMBERS:

- > **XFORCE268GB:** 2666MHz 8GB
- > **XFORCE328GB:** 3200MHz 8GB
- > **XFORCE2616GB:** 2666MHz 16GB
- > **XFORCE3216GB:** 3200MHz 16GB
- > **XFORCE2632GB:** 2666MHz 32GB
- > **XFORCE3232GB:** 3200MHz 32GB

*Power will vary depending on the SDRAM used.

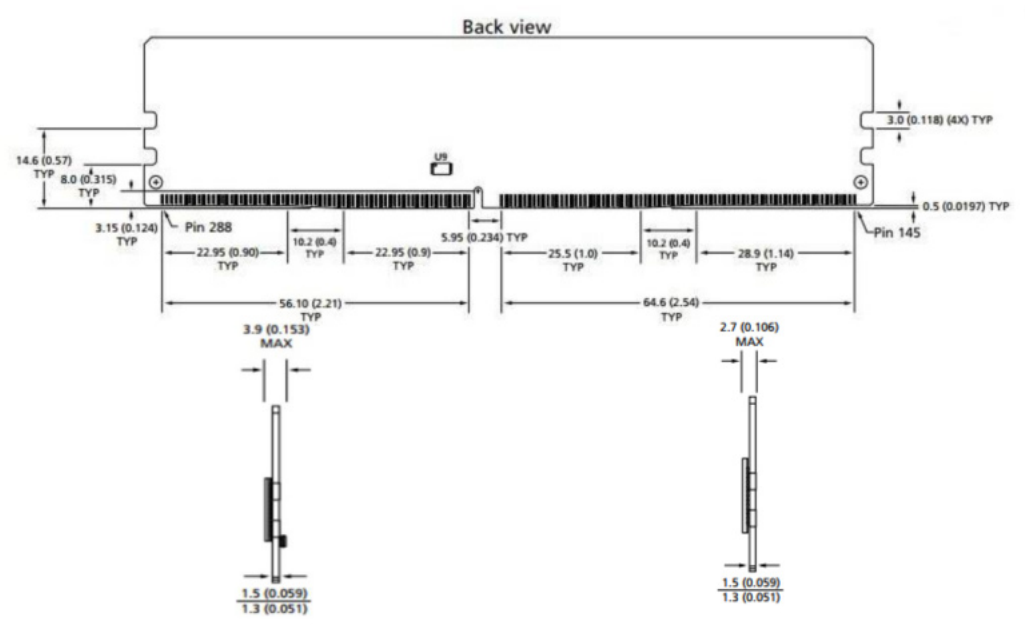
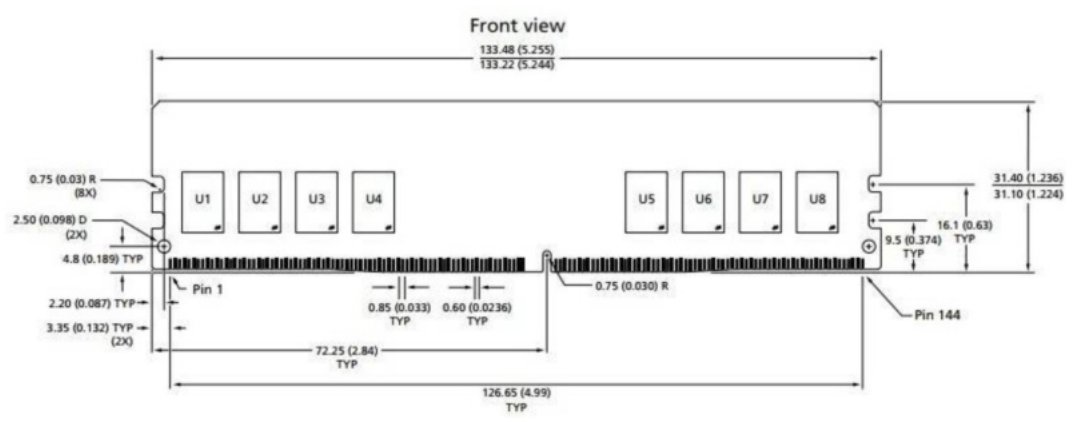
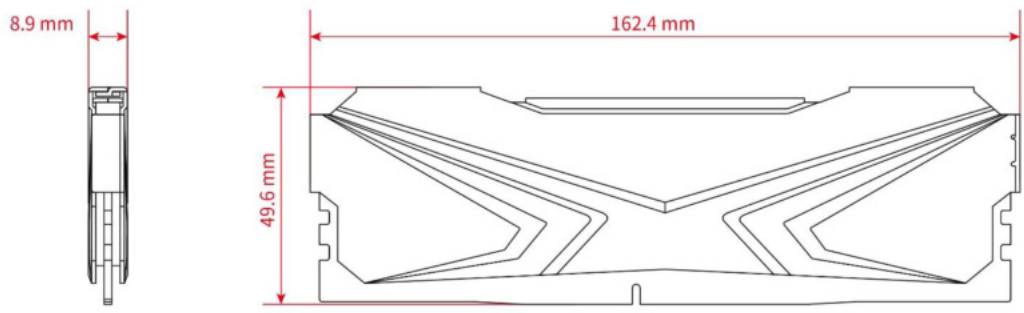
*** Warranty conditions on www.magixtechnology.com/wa

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DATASHEET

MODULE DIMENSIONS:



The location of U9 may be on the front or on the back,
 Picture is for reference only!