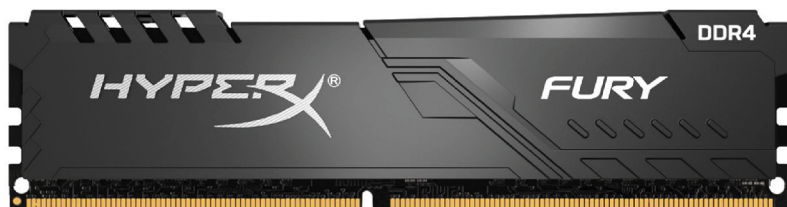


HX426C16FB3/4

4GB 512M x 64-Bit

DDR4-2666 CL16 288-Pin DIMM



SPECIFICATIONS

| | |
|--|-------------------|
| CL(IDD) | 16 cycles |
| Row Cycle Time (tRCmin) | 45.75ns(min.) |
| Refresh to Active/Refresh Command Time (tRFCmin) | 260ns(min.) |
| Row Active Time (tRASmin) | 29.25ns(min.) |
| UL Rating | 94 V - 0 |
| Operating Temperature | 0° C to +85° C |
| Storage Temperature | -55° C to +100° C |

DESCRIPTION

HyperX HX426C16FB3/4 is a 512M x 64-bit (4GB) DDR4-2666 CL16 SDRAM (Synchronous DRAM) 1Rx8, memory module, based on eight 512M x 8-bit FBGA components per module. Each module supports Intel® Extreme Memory Profiles (Intel® XMP) 2.0. Each module has been tested to run at DDR4-2666 at a low latency timing of 16-18-18 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 1.3425" (34.1mm), w/heatsink

FACTORY TIMING PARAMETERS

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

Continued >>

Technical drawing of the HyperX Fury DDR4 memory module. The drawing shows the module's profile with dimensions: 133.35 mm length, 31.75 mm height, and 7.2 mm thickness. The module features the HyperX logo and the word "FURY" on its surface, along with "DDR4" labeling. The drawing is a line art representation with blue dimension lines and text.

Technical drawing of a bridge deck cross-section. The drawing shows a rectangular deck with a total width of 133.35 and a total height of 129.55. The deck is supported by two vertical piers. The left pier has a width of 2.10 ± 0.15 and a height of 3.00. The right pier has a width of 2.70 ± 0.15 and a height of 11.00. The deck is divided into several sections by vertical lines, with dimensions 28.90, 64.60, 56.10, and 22.95. The drawing includes several details labeled A, B, C, D, and E. Detail A is a circular hole in the deck. Detail B is a circular hole in the deck. Detail C is a circular hole in the deck. Detail D is a circular hole in the deck. Detail E is a circular hole in the deck. The drawing also shows a horizontal line at the top of the deck, with dimensions 133.35 and 129.55. The drawing is a technical drawing of a bridge deck cross-section.

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