HX426S15IB2/8

8GB 1G x 64-Bit
DDR4-2666 CL15 260-Pin SODIMM
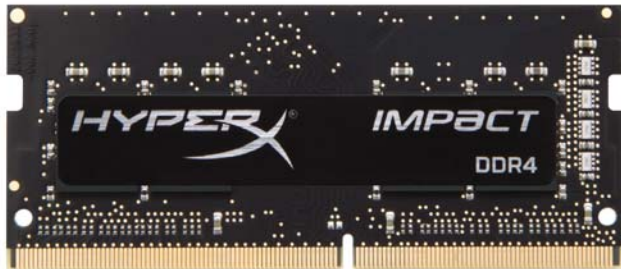
SPECIFICATIONS

CL(IDD)	15 cycles
Row Cycle Time (tRCmin)	45ns (min.)
Refresh to Active/Refresh Command Time (tRFCmin)	350ns (min.)
Row Active Time (tRASmin)	26.25ns (min.)
Maximum Operating Power	TBD W*
UL Rating	94 V - 0
Operating Temperature	0°C to 85°C
Storage Temperature	-55°C to +100°C

*Power will vary depending on the SDRAM used.

DESCRIPTION

HyperX HX426S15IB2/8 is a 1G x 64-bit (8GB) DDR4-2666 CL15 SDRAM (Synchronous DRAM) 1Rx8, memory module, based on eight 1G x 8-bit DDR4 FBGA components. Each module supports Intel® Extreme Memory Profiles (Intel® XMP) 2.0. This module has been tested to run at DDR4-2666 at a low latency timing of 15-17-17 at 1.2V. Additional timing parameters are shown in the 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.
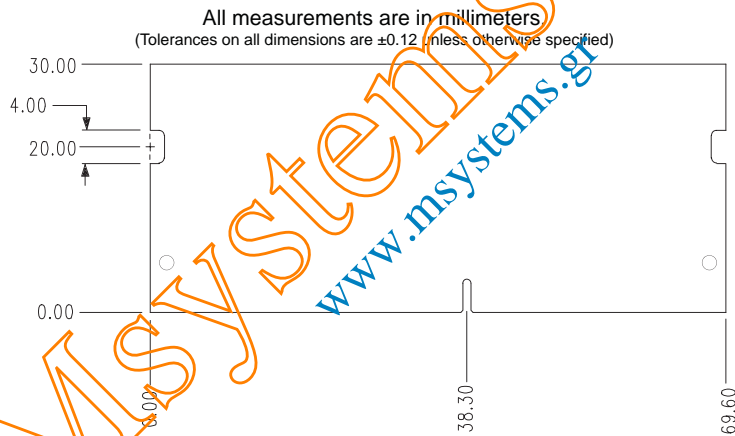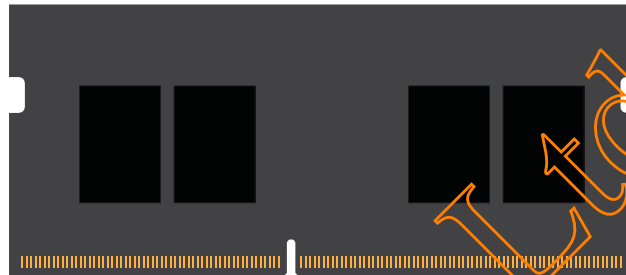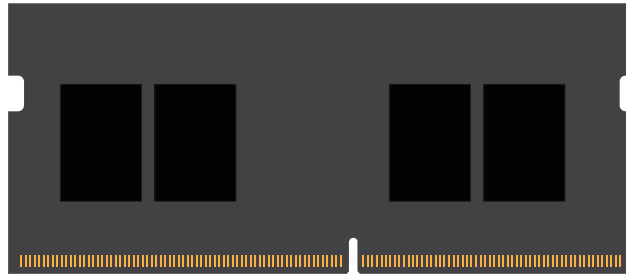
FEATURES

• Power Supply: VDD = 1.2V Typical

• VDDQ = 1.2V Typical

• VPP - 2.5V Typical

• VDDSPD = 2.25V 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)

PnP JEDEC TIMING PARAMETERS:

• JEDEC/PnP: DDR4-2666 CL15-17-17 @1.2V
                 DDR4-2400 CL14-16-16 @1.2V
                 DDR4-2133 CL12-14-14 @1.2V

• XMP Profile #1:   DDR4-2666 CL15-17-17 @1.2V

MODULE DIMENSIONS

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

30.00

4.00

20.00

0.00

38.30

69.60

FOR MORE INFORMATION, GO TO HYPERXGAMING.COM