

Longline DDR4 8GB 3200MHZ STORM HEATSINK LNGSTDDR432008GB

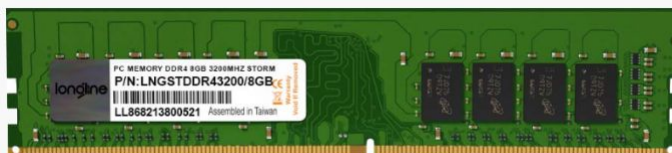
8GB 1G x 64-Bit

DESCRIPTION

STORM LonglineRAM's is a 1G x 64-bit (8GB) DDR4-3200 CL18 SDRAM (Synchronous DRAM) 1Rx8, memory module, based on eight 1G 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 DDR4-3200 at a low latency timing of 18-21-21 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:

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 1.240" (34.04mm), w/heatsink



SPECIFICATIONS

| | |
|--|-------------------|
| CL(IDD) | 18 cycles |
| Row Cycle Time (tRCmin) | 45.75ns (min.) |
| Refresh to Active/Refresh Command Time (tRFCmin) | 350ns (min.) |
| Row Active Time (tRASmin) | 24.375ns (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.