

512x64 DDR4 SDRAM UDIMM based on 512x16, 8 Banks, 8K Refresh, 1.2V Synchronous DRAMs with SPD.



DESCRIPTION

The Hyperam® 4GB DDR4 UDIMM 512x16 memory module is organised as 512 x 64 bits in a 288 pin memory module. The 4GB memory module uses 8 pieces 512x16 DDR4 SDRAMs. The x64 modules are ideal for use in high performance computer systems where increased memory density and fast access are required. The SPD is programmed to JEDEC standard latency and timing at 1.2V, this UDIMM uses gold edge contacts.

FEATURES

- 288-pin, dual-in-line memory module (UDIMM),
- Reset pin for improved system stability
- On-Die Termination (ODT)
- Temperature sensor with integrated SPD
- Per DRAM Addressability is supported
- Internal Vref DQ level generation is available
- Gold edge contacts
- Lead free and ROHS compliant
- Low power auto self refresh (LPASR)
- Lifetime warranty

SPECIFICATIONS

Programmable CAS Latency	19
Fast Data Transfer Rates	PC4 - 2666
Capacity	4GB (512x64)
VDD = VDDQ	1.2V
VDDSPD	2.25V to 2.75V
Banks	8 internal banks
Operating Temperature	0°C to 85°C
Storage Temperature	-55°C to =100°C



Picture for illustration purposes only

PLEASE NOTE: The Hypertec module defined in this specification is one of several configurations available under this part number. All configurations are compatible, however, the DRAM combination and/or Memory module height may vary.