



288 PIN DDR4 SODIMM

1 Gig x64 DDR4 SDRAM DIMM based on 1024x8,
8K Refresh, 1.2V Synchronous DRAMs with SPD

MEM192008GBS

Description

The Hypertec OEM 8GB DDR4 SODIMM 1024x8 memory module is organised as 1 Gig x 64 bits in a 288 pin memory module. The 8GB memory module uses 8 pieces 1024M x 8 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

- Programmable CAS Latency: 15, 17
- 288-pin, unbuffered dual in-line memory module (SODIMM)
- Fast data transfer rates: PC4 - 2400, PC4-2133
- 8GB (1 Gig x 64)
- VDD = VDDQ = 1.2V (1.14V to 1.26V)
- VDDSPD = 2.25V to 2.75V
- Low power auto self refresh (LPASR)
- Nominal and dynamic on-die termination (ODT) for data, strobe and mask signals
- Data bus inversion (DBI) for data bus
- Fixed burst chop (BC) of 4 and burst length (BL) of 8 via the mode register (MRS)
- On-die V REFDQ generation and calibration
- On-board serial presence-detect (SPD) EEPROM
- Selectable BC4 or BL8 on-the-fly (OTF)
- Gold edge contacts
- Halogen-free
- Terminated control, command and address bus
- Lifetime Warranty