

Standard



DDR4 U-DIMM

Designed for high-end desktop PCs, Transcend's DDR4 U-DIMM memory modules are fully compatible with Intel Haswell-E CPU with X99 chipset. Each module is constructed of top quality DRAM chips and rated at 2133/2400MHz, maximizing data transmission efficiency at a bandwidth of up to 17/19GB/s. Operating at a nominal voltage of just 1.2V, Transcend's DDR4 U-DIMMs allow for a lower electrical load on the memory controller, consuming up to 40% less power than standard 1.5V DDR3 DIMMs.

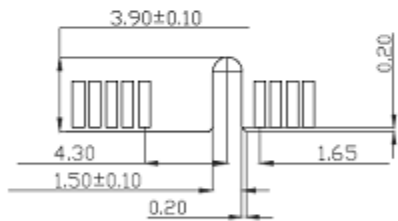
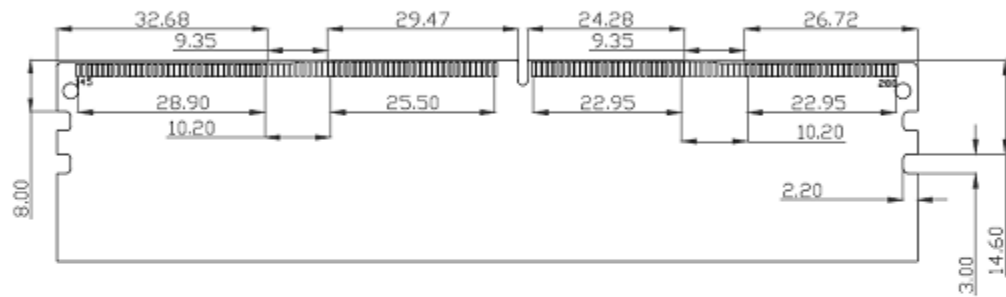
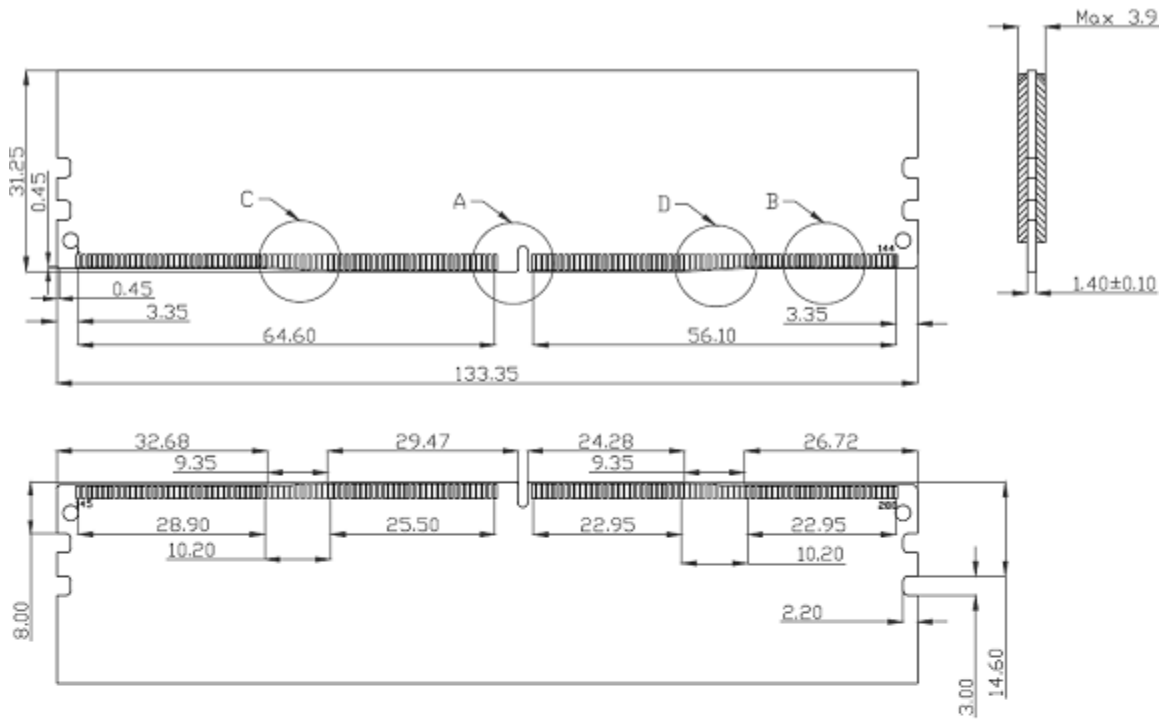
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Features

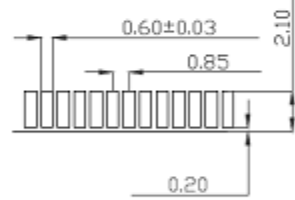
- JEDEC standard $1.2V \pm 0.06V$ power supply
- 8 bit pre-fetch
- Burst Length: 4, 8
- 16 Banks (4 Bank Groups)
- Support DBI mode
- Support Command/Address parity detection
- Support Data Cyclic Redundancy Check (CRC) for improved data reliability
- Bi-directional differential data-strobe
- On-die termination with ODT pin
- Serial presence detect with EEPROM
- 100% tested for stability, compatibility and performance



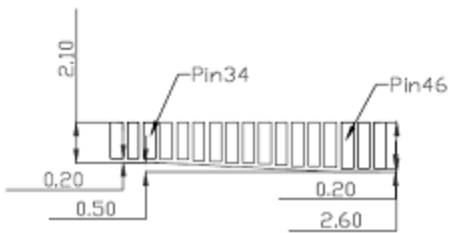
Specifications



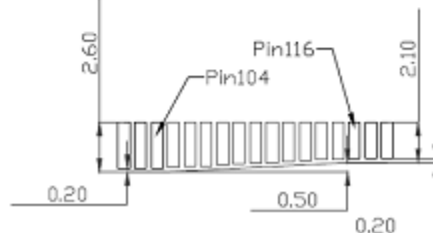
Detail A



Detail B



Detail C



Detail D

Module Type

DDR4 Unbuffered DIMM

Frequency

1066/1200MHz for 2133/2400Mb/s/Pin

Number of Rank(s)	1 rank / 2 ranks
Number of Pin(s)	288 pin
Capacity	2GB / 4GB / 8GB / 16GB
DRAM Configuration	512Mx8 / 1024Mx8
Timing Description	15-15-15 / 17-17-17
Voltage	1.2V
PCB Height	1.23 inches
Operating Temperature	0 ~ 85 °C
Warranty	Limited Lifetime Warranty* *Please access here for more information about Transcend Warranty Policy.

Due to the complexity and variety of industrial applications, Transcend cannot guarantee 100% compatibility with all platforms and under all scenarios.

For special applications and environments, it is strongly suggested to contact Transcend beforehand for clarification.