



TRS-STAR



## DDR4 - Fusion of Performance, Efficiency and Stability

Anti corrosion plus wide temperature tolerance

Changing environmental and climate conditions present growing challenges to technology. Components such as DRAM modules must handle higher temperatures and wider heat/cold extremes than ever before, in addition to new forms of airborne pollution.

### Features

- Anti-porosity and wide temperature support in DRAM modules and SSDs
- Stable operation in industrial applications even in highly polluted [porosity prone] or harsh environments
- Extreme cold and heat [-40°C~+85°C]
- All anti-corrosion DRAM module components, such as capacitors and resistors, meet the ASTM B809-95 standard for longevity and durability
- High speeds up to 2400MHz
- Low 1.2V operating voltage for superior stability and performance
- Ideal for servers and data centers

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## DDR4 R-DIMM / SO-DIMM SERIES



	LR-DIMM	R-DIMM	VLP R-DIMM	SO-DIMM	ECC SO-DIMM
Frequency	2400MHz	2400MHz	2400MHz	2400MHz	2400MHz
Pin Count	288 Pin	288 Pin	288 Pin	260 Pin	260 Pin
Capacity	32GB / 64GB	4GB - 64GB	8GB / 16GB	4GB - 16GB	4GB - 16GB
DRAM Configuration	4096Mx4	512Mx8 / 1024Mx8 / 2048Mx4	1024Mx4 / 1024Mx8	512Mx8 / 1024Mx8	512Mx8 / 1024Mx8
Timing CL-tRCD-tRP-tRAS	17-17-17-39	17-17-17-39	17-17-17-39	17-17-17-39	17-17-17-39
Voltage	1.2V	1.2V	1.2V	1.2V	1.2V
Operating Temperature	-10°C to 85°C	-10°C to 85°C	-10°C to 85°C	-10°C to 85°C	-10°C to 85°C

## DDR4 U-DIMM SERIES



	U-DIMM	ECC U-DIMM	VLP U-DIMM	VLP ECC U-DIMM
Frequency	2400MHz	2400MHz	2400MHz	2400MHz
Pin Count	288 Pin	288 Pin	288 Pin	260 Pin
Capacity	4GB - 16GB	4GB - 16GB	4GB / 8GB	4GB - 16GB
DRAM Configuration	512Mx8 / 1024Mx8	512Mx8 / 1024Mx8	512Mx8	512Mx8 / 1024Mx8
Timing CL-tRCD-tRP-tRAS	17-17-17-39	17-17-17-39	17-17-17-39	17-17-17-39
Voltage	1.2V	1.2V	1.2V	1.2V
Operating Temperature	-10°C to 85°C	-10°C to 85°C	-10°C to 85°C	-10°C to 85°C

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