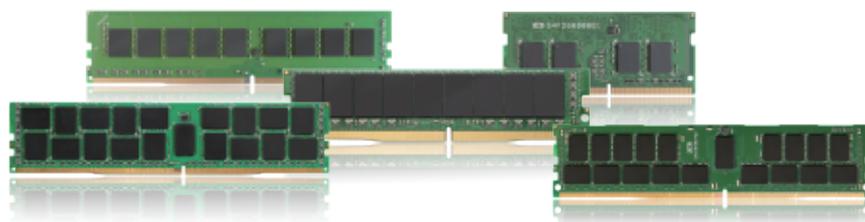




# ATP DDR4 DRAM Solutions

Intense Performance for Intense Workloads



ATP's fourth-generation industrial DDR memory combines up to 3200 MT/s data transfer rate and a mere 1.2V power consumption to deliver faster performance at higher power savings over earlier DRAM technologies.

As the evolutionary transition from DDR3, DDR4 supports features and functions that are well-suited for increasing bandwidth capabilities to support the growth of online traffic.

DDR4-3200 MT/s is the newest generation of fast, performance-oriented DRAM modules optimized for the latest Intel® Xeon® Platinum, Gold, Silver and Bronze Scalable processors and 8th-generation Intel® Core™ i7/i5/i3 processors. The increased interface speed from 2666 MT/s to 3200 MT/s amplifies theoretical peak performance by 20% and gives a boost to the most critical computing applications in industries such as telecommunication infrastructures, networking storage systems, network-attached storage (NAS) servers, micro/cloud servers, and embedded systems like industrial PCs.

## Key Features

- Density: 2 GB to 128 GB
- Increased performance and bandwidth (up to 3200 MT/s)
- Decreased voltage for better power consumption
- Provides better reliability, availability and serviceability (RAS) and improves data integrity

## Applications

- Networking systems
- Telecommunication
- Gaming
- Healthcare
- Industrial PCs
- Micro servers
- Cloud servers



Industrial Temperature



Conformal Coating



Thicker Gold Finger



Anti-Sulfur Resistors



Test During Burn-In (TDBI)



Complete Drive Test

## Specifications

DDR4	
Category	LRDIMM / RDIMM / UDIMM / UDIMM ECC / SO-RDIMM / SO-DIMM / SO-DIMM ECC / Mini-RDIMM / Mini-UDIMM ECC
Speed (MT/s)	3200 / 2933 / 2666 / 2400 / 2133
PCB Height	<ul style="list-style-type: none"> <li>▪ Low Profile</li> <li>▪ Very Low Profile (VLP) options (VLP: 0.74" height)</li> <li>▪ Ultra Low Profile (ULP) options (ULP: 0.7"~0.72" height)</li> </ul>
Density	2 GB to 128 GB

## ATP Global Footprint

To learn more about this product, contact your ATP Representative.

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