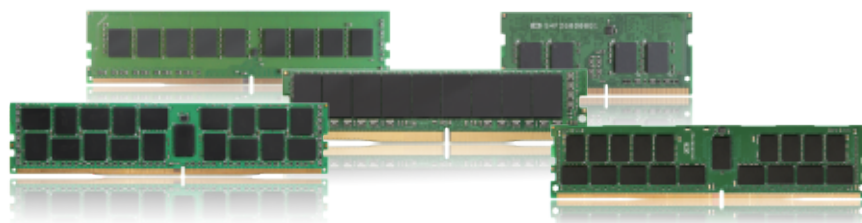




ATP DDR4 DRAM Solutions

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"> ▪ Low Profile ▪ Very Low Profile (VLP) options (VLP: 0.74" height) ▪ Ultra Low Profile (ULP) options (ULP: 0.7"~0.72" height) |
| Density | 2 GB to 128 GB |

ATP Global Footprint

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

ATP TAIWAN(HQ)

TEL: +886-2-2659-6368
FAX: +886-2-2659-4982
sales-apac@atpinc.com

ATP USA

TEL: +1-408-732-5000
FAX: +1-408-732-5055
sales@atpinc.com

ATP EUROPE

TEL: +49-89-374-9999-0
FAX: +49-89-374-9999-29
sales-europe@atpinc.com

ATP JAPAN

TEL: +81-3-6260-0797
FAX: +81-3-6260-0798
sales-japan@atpinc.com

ATP CHINA

TEL: +86-21-5080-2220
FAX: +86-21-9687-0000-026
sales@cn.atpinc.com

www.atpinc.com