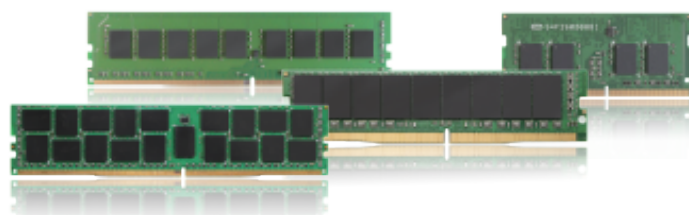


ATP DDR4 DRAM Solutions

Intense Performance for Intense Workloads



ATP's fourth-generation industrial DDR memory combines up to 2666 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.

DDR4-2666 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 2400 MT/s to 2666 MT/s amplifies theoretical peak performance by 15% 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



Specifications

DDR4					
Type	LRDIMM	RDIMM	UDIMM	ECC UDIMM	SO-RDIMM
Data Rate Speed (MT/s)	2666 2400 2133	2666 2400 2133	2666 2400 2133	2666 2400 2133	2400 2133
Density	32 GB / 64 GB / 128 GB	4 GB / 8 GB / 16 GB / 32 GB / 64 GB / 128 GB	2 GB / 4 GB / 8 GB / 16 GB	4 GB / 8 GB / 16 GB	4 GB / 8 GB / 16 GB
Voltage	1.2V				
PCB Height	▪ Low profile	▪ Low profile ▪ VLP options: 0.74" height	▪ Low profile ▪ ULP options: below 0.74" height	▪ Low profile ▪ ULP options: below 0.74" height	▪ Low profile ▪ VLP options: 0.74" height
Working Temperature	0-85°C / -40-95°C				
Golden Finger	30µ				

DDR4					
Type	SODIMM	ECC SODIMM	Mini-RDIMM	Mini-UDIMM	ECC Mini-UDIMM
Data Rate Speed (MT/s)	2666 2400 2133	2666 2400 2133	2400 2133	2400 2133	2400 2133
Density	2 GB / 4 GB / 8 GB / 16 GB	4 GB / 8 GB / 16 GB	4 GB / 8 GB / 16 GB	4 GB / 8 GB / 16 GB	4 GB / 8 GB / 16 GB
Voltage	1.2V				
PCB Height	▪ Low profile	▪ Low profile	▪ Low profile ▪ VLP options: 0.74" height	▪ VLP: 0.74" height	▪ VLP: 0.74" height
Working Temperature	0-85°C / -40-95°C				
Golden Finger	30µ				

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: +81-3-6890-8277
FAX: +81-3-6890-8301
sales-japan@atpinc.com

ATP CHINA

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