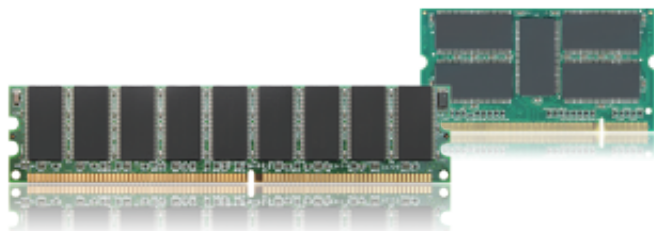


ATP DDR1 DRAM Solutions

Intense Performance for Intense Workloads



Double Data Rate (DDR), also known as DDR1, is the second generation of Synchronous DRAM (SDRAM). As its name implies, double data rate refers to its ability to read and write data on both the rising and falling of the system clock to achieve nearly twice the bandwidth of single data rate (SDR) SDRAM.

JEDEC developed the DDR SDRAM specification (JESD79) in 2000 and was an advancement over SDRAM technology with increased memory bandwidth and performance. ATP DDR1 modules have 266/333/400 MT/s transfer speeds and run at 2.5V, significantly cutting power consumption compared with SDRAM's 3.3V.

Key Features

- Micron Continuity Program

Applications

- Networking systems
- Telecommunication
- Gaming
- Healthcare
- Industrial PCs



Specifications

| DDR* | | | | | |
|------------------------|---------------------------|---------------------|---------------------|-------------------------------|----------------------|
| Type | RDIMM | UDIMM | ECC UDIMM | SODIMM | ECC SODIMM |
| Data Rate Speed (MT/s) | 400 333 266 | 400 333 266 | 400 333 266 | 400 333 266 | 400 333 266 |
| Density | 1 GB / 2 GB | 256 M | 512 MB | 128 MB / 256 MB / 512 MB / 1G | 256 MB / 512 MB / 1G |
| Voltage | 2.5V | | | | |
| PCB Height | ▪ PCB Height: 1.125"/1.2" | ▪ PCB Height: 1.25" | ▪ PCB Height: 1.25" | ▪ PCB Height: 1.25" | ▪ PCB Height: 1.25" |
| Working Temperature | 0-70°C / -40-95°C | | | | |
| Golden Finger | 30µ | | | | |

* Available on a project basis.

ATP Global Footprint

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

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