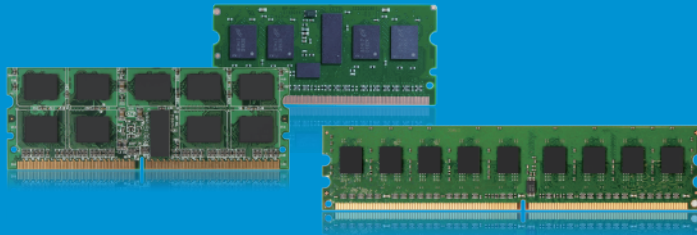




# ATP DDR2 DRAM Solutions

Intense Performance for Intense Workloads



## Key Features

- Density: 256 MB to 4 GB
- Chipkill support

DDR2 supersedes the original DDR specifications with data transfer speeds up to 800 MT/s. The memory clock speed of the industrial DDR2 SDRAM was reduced by half compared to first-generation DDR, enabling DDR2 to effectively operate up to 2X the DDR bus speed.

Apart from faster operation, DDR2 also consumes less power than its predecessor. With its operating voltage reduced from 2.5V to 1.8V, DDR2 cuts overall power consumption.

ATP DDR2 modules are available in several form factors suitable for diverse applications, including 240-pin full-size UDIMMs, 200-pin SO-DIMMs are also available for compact systems. These form factors are not interchangeable with DDR, DDR3 or DDR4.

## Specifications

DDR2			
DIMM Type	ECC UDIMM	Non-ECC UDIMM	Non-ECC SO-DIMM
Density	1 GB to 2 GB		256 MB / 1 GB to 4 GB
Speed up to (MT/s)	800		
PCB Height	Low profile		
Operating Temperature	0°C to 85°C / -40°C to 85°C		

Technologies & Add-On Services	30µm Golden Finger	ATP TDBI	Wide Temperature
ECC UDIMM	●	●	▲
Non-ECC UDIMM	●	●	▲
Non-ECC SO-DIMM	●	●	▲

▲: Optional



The Global Leader in Specialized Storage and Memory Solutions

## WE BUILD WITH YOU

Product spec and its related information are subject to change without advance notice. Please refer to [www.atpinc.com](http://www.atpinc.com) for latest information

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