



DDR2

The Global Leader in Specialized Storage and Memory Solutions



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 | | | | Technologies | 30 μ " Golden Finger | ATP TDBI | Wide Temperature |
|-----------------------|-----------------------------|---------------|-----------------------|-----------------|--------------------------|----------|------------------|
| DIMM Type | ECC UDIMM | Non-ECC UDIMM | Non-ECC SO-DIMM | ECC UDIMM | ● | ● | ▲ |
| Density | 1 GB to 2 GB | | 256 MB / 1 GB to 4 GB | Non-ECC UDIMM | ● | ● | ▲ |
| Speed up to (MT/s) | | 800 | | Non-ECC SO-DIMM | ● | ● | ▲ |
| PCB Height | Low profile | | | ▲: Optional | | | |
| Operating Temperature | 0°C to 85°C / -40°C to 85°C | | | | | | |



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Product spec and its related information are subject to change without advance notice.
Please refer to www.atpinc.com for latest information

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