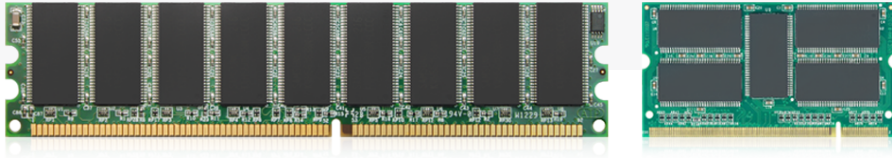




DDR1

The Global Leader in Specialized Storage and Memory Solutions



KEY FEATURES

- Chipkill support
- Legacy system support

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 400 MT/s transfer speeds and run at 2.5V, significantly cutting power consumption compared with SDRAM's 3.3V.

Specifications

DIMM Type	DDR	
	Non-ECC UDIMM	Non-ECC SO-DIMM
Density	256 MB	128 MB to 512 MB / 1 GB
Speed up to (MT/s)	400	400
PCB Height	Low Profile	Low Profile
Operating Temperature (Ta)	0°C to 70°C	0°C to 70°C / -40°C to 85°C

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

▲: Optional

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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