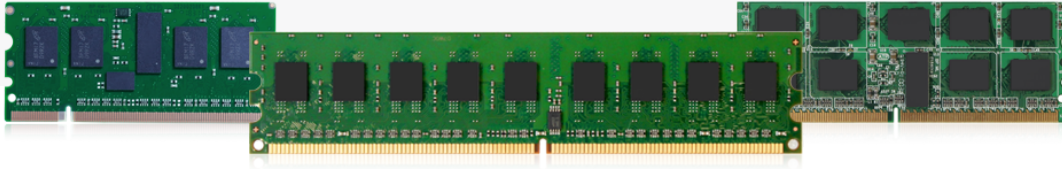




DDR2

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

DIMM Type	DDR2			Technologies & Add-On Services	30µ" Golden Finger	ATP TDBI	Wide Temperature
	ECC UDIMM	Non-ECC UDIMM	Non-ECC SO-DIMM				
Density	1 GB to 2 GB		256 MB / 1 GB to 4 GB	ECC UDIMM	●	●	▲
Speed up to (MT/s)	800			Non-ECC UDIMM	●	●	▲
PCB Height	Low profile			Non-ECC SO-DIMM	●	●	▲
Operating Temperature	0°C to 85°C / -40°C to 85°C			▲: 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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WE BUILD WITH YOU

ATP TAIWAN (HQ)

TEL: +886-2-2659-6368
sales-apac@atpinc.com

ATP USA

TEL: +1-408-732-5000
sales@atpinc.com

ATP EUROPE

TEL: +49-89-374-9999-0
sales-europe@atpinc.com

ATP JAPAN

TEL: +81-3-6260-0797
sales-japan@atpinc.com

ATP CHINA

TEL: +86-21-5080-2220
sales@cn.atpinc.com