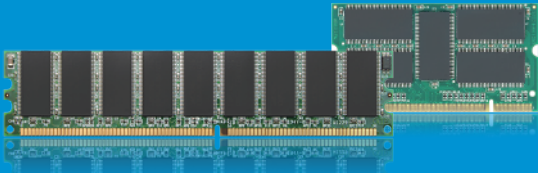




ATP DDR1 DRAM Solutions

Intense Performance for Intense Workloads



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

DDR		
DIMM Type	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

v1.0 202201

© Copyright 2022 ATP Electronics, Inc. All rights reserved.



The Global Leader in Specialized Storage and Memory Solutions

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