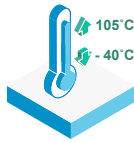


## DRAM Modules

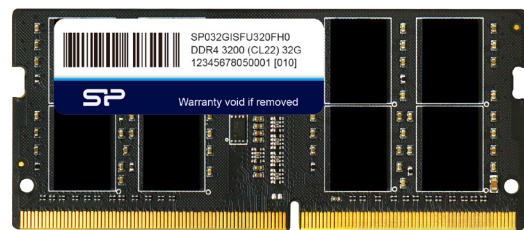
# DDR4 SODIMM



DDR4 3200 MT/s



Wide Temperature



## Features

- Fast data transfer rates:
  - DDR4-2400 (CL17)
  - DDR4-2666 (CL19)
  - DDR4-3200 (CL22)
- Single or Dual rank
- $V_{DD} = V_{DDQ} = 1.2V \pm 0.06V$
- Terminated control, command, and address bus
- Data bus inversion (DBI) for data bus
- Integrated serial presence-detect (SPD) EEPROM
- Fly-by topology
- Gold edge contacts

## Specifications

<b>Overview</b>	DRAM Type	DDR4
	Capacity	32GB, 16GB, 8GB, 4GB, 2GB
	Data Rate	3200 / 2666 / 2400 MT/s
	CAS Latency	CL22 / CL19 / CL17
	Voltage	1.2V
	Pin Count	260pin
	Data Width	64Bits
	PCB Height	1.18" (30.13mm)
<b>Operating Environment</b>	Operating Temperature	-40°C~105°C / -20°C~95°C
	Storage Temperature	-55°C~110°C
	Operating Humidity	10%~95% (30°C Max. Wet Bulb Temp)
<b>Warranty</b>	Warranty	Limited lifetime

## Ordering Information

### 3200 Series

Capacity	Temp.	P/N
4GB	-20°C ~95°C	SP004GISFU320CH0
8GB	-20°C ~95°C	SP008GISFU320BH0
16GB	-20°C ~95°C	SP016GISFU320BH0
16GB	-20°C ~95°C	SP016GISFU320FH0
32GB	-20°C ~95°C	SP032GISFU320FH0
4GB	-40°C ~105°C	SP004GISFV320CH0
8GB	-40°C ~105°C	SP008GISFV320BH0
16GB	-40°C ~105°C	SP016GISFV320BH0
16GB	-40°C ~105°C	SP016GISFV320FH0
32GB	-40°C ~105°C	SP032GISFV320FH0

### 2666 Series

Capacity	Temp.	P/N
4GB	-20°C ~95°C	SP004GISFU266CH0
4GB	-20°C ~95°C	SP004GISFU266NH0
8GB	-20°C ~95°C	SP008GISFU266BH0
16GB	-20°C ~95°C	SP016GISFU266BH0
16GB	-20°C ~95°C	SP016GISFU266FH0
4GB	-40°C ~105°C	SP004GISFV266CH0
4GB	-40°C ~105°C	SP004GISFV266NH0
8GB	-40°C ~105°C	SP008GISFV266BH0
16GB	-40°C ~105°C	SP016GISFV266BH0

### 2400 Series

Capacity	Temp.	P/N
4GB	-20°C ~95°C	SP004GISFU240NH0
8GB	-20°C ~95°C	SP008GISFU240BH0
8GB	-20°C ~95°C	SP008GISFU240NH0
4GB	-40°C ~105°C	SP004GISFV240NH0
8GB	-40°C ~105°C	SP008GISFV240NH0