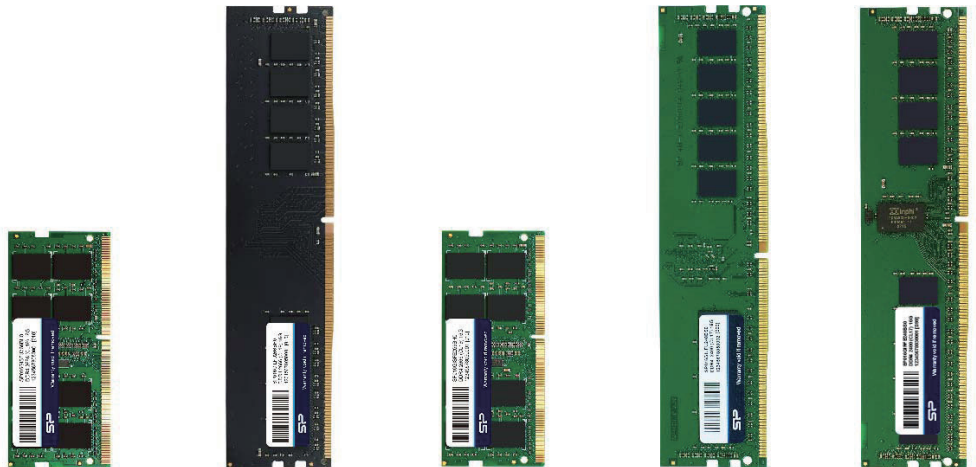


DDR4 DRAM Modules

- ▶ High performance transfer bandwidth reaches up to 19.2GB/s
- ▶ Low voltage of 1.2V for less power consumption
- ▶ Original and high quality memory module
- ▶ 100% tested for stability, durability, and compatibility
- ▶ 30 micro inches Gold Finger Plating (optional)
- ▶ Supports operating temperatures from -40°C ~ 85°C
- ▶ Wide Temperature version available by request
- ▶ 3200MHz is only available at 8GB and 16GB



Model	SODIMM	UDIMM	ECC SODIMM	ECC UDIMM	ECC RDIMM
DRAM Type	DDR4	DDR4	DDR4	DDR4	DDR4
Capacity	2GB, 4GB, 8GB, 16GB, 32GB	2GB, 4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB
Data Rate	2400 / 2666 / 3200*MHz	2400 / 2666 / 3200*MHz	2400 / 2666 / 3200*MHz	2400 / 2666 / 3200*MHz	2400 / 2666MHz
CAS Latency	CL17 / CL19 / CL22	CL17 / CL19 / CL22	CL17 / CL19 / CL22	CL17 / CL19 / CL22	CL17 / CL19
Voltage	1.2V	1.2V	1.2V	1.2V	1.2V
Pin Count	260pin	288pin	260pin	288pin	288pin
Data Width	64Bits	64Bits	72Bits	72Bits	72Bits
PCB Height	1.18" (30.13mm)	1.23" (31.40mm)	1.18" (30.13mm)	1.23" (31.40mm)	1.23" (31.40mm)
Temperature & Humidity (IEC-60068)					
Operating 0°C ~ 85°C: Standard	SP***GISFU*****	SP***GILFU*****	SP***GISFE*****	SP***GILFE*****	SP***GIRFE*****
Operating -40°C ~ 85°C: Wide	SP***GISFV*****	SP***GILFV*****	SP***GISFF*****	SP***GILFF*****	SP***GIRFF*****
Storage Temperature	-55°C ~ 95°C	-55°C ~ 95°C	-55°C ~ 95°C	-55°C ~ 95°C	-55°C ~ 95°C
Operating Humidity	10% ~ 95% (30°C Max. Wet Bulb Temp)				
Key Features					
Warranty	10 years				

*3200MHz is only available at 8GB and 16GB
 *2GB's PNs ends with WNO and only NT is available.