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With over 16 years of experience, Silicon Power has become a trusted service-driven provider of professional NAND flash storage and DRAM modules for industrial and enterprise applications.

DDR4 DRAM MODULES

Model	SODIMM	UDIMM	ECC SODIMM	ECC UDIMM	ECC RDIMM
DRAM Type	DDR4	DDR4	DDR4	DDR4	DDR4
Capacity	2GB, 4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB, 32GB	4GB, 8GB, 16GB
Data Rate	2400 / 2600 MHz	2400 / 2600 MHz	2400 / 2600 MHz	2400 / 2600 MHz	2400 / 2600 MHz
CAS Latency	CL17 / CL19	CL17 / CL19	CL17 / CL19	CL17 / CL19	CL17 / CL19
Voltage	1.2V	1.2V	1.2V	1.2V	1.2V
Pin Count	260 Pin	288 Pin	260 Pin	288 Pin	288 Pin
Data Width	64Bits	64Bits	72Bits	72Bits	72Bits
PCB Height	30.13 mm	31.40 mm	30.13 mm	31.40 mm	31.40 mm
Standard 0~85°C	Supported	Supported	Supported	Supported	Supported
Industrial -40~85°C	Supported	Supported	Supported	Supported	Supported
Storage -55~95°C	Supported	Supported	Supported	Supported	Supported

DDR3 DRAM MODULES

Model	SODIMM	UDIMM	ECC SODIMM	ECC UDIMM	ECC RDIMM
DRAM Type	DDR3L	DDR3L	DDR3L	DDR3L	DDR3L
Capacity	2GB, 4GB, 8GB	2GB, 4GB, 8GB	4GB, 8GB	4GB, 8GB	8GB
Data Rate	1600 MHz	1600 MHz	1600 MHz	1600 MHz	1600 MHz
CAS Latency	CL 11	CL 11	CL 11	CL 11	CL 11
Voltage	1.35V	1.35V	1.35V	1.35V	1.35V
Pin Count	204 Pin	240 Pin	204 Pin	240 Pin	240 Pin
Data Width	64Bits	64Bits	72Bits	72Bits	72Bits
PCB Height	30.50 mm	30.50 mm	30.50 mm	30.50 mm	30.50 mm
Standard 0~85°C	Supported	Supported	Supported	Supported	Supported
Industrial -40~85°C	Supported	Supported	Supported	Supported	Supported
Storage -55~95°C	Supported	Supported	Supported	Supported	Supported

SSDS

Form Factor	M.2	M.2	2.5"	2.5"	mSATA
Interface	PCIe Gen3, NVMe	SATA III	SATA III	IDE / PATA	SATA III
Capacity	64 GB - 2 TB	8 GB - 1 TB	8 GB - 4 TB	128 MB - 128 GB	8 GB - 1 TB
Supported Flash Types	3D TLC	SLC, MLC, 3D TLC	SLC, MLC, 3D TLC	SLC, MLC	SLC, MLC, 3D TLC
Industrial -40~85°C	Supported	Supported	Supported	Supported	Supported

FLASH CARDS

Form Factor	CFExpress	Compact Flash	SD	micro SD
Interface	Cfast 2.0	CF 6.0	SD 3.0	SD 3.0
Capacity	4 GB - 512 GB	128 MB - 256 GB	256 MB - 256 GB	256 MB - 256 GB
Supported Flash Types	SLC, MLC, 3D TLC	SLC, MLC	SLC, MLC, 3D TLC	SLC, MLC, 3D TLC
Industrial -40~85°C	Supported	Supported	Supported	Supported