DRAM PRODUCT FAMILY

DDR5
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, Non-ECC SODIMM, ECC SODIMM and RDIMM
- Higher bandwidth performance up to PC5-44800
- Capacity: 8GB to 64GB
- JEDEC Standard 1.1V
- Environmental compliance, longevity and assembly service available
- Fully tested in application environment for stability and performance

DDR4
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, non-ECC SODIMM, ECC SODIMM, RDIMM, mini-RDIMM and ECC mini-UDIMM
- Higher bandwidth performance (up to PC4-25600)
- Capacity: 2GB to 64GB
- PCB Height: Standard, Very Low Profile, Ultra Low Profile
- JEDEC Standard 1.2V
- Operating Temperature: Commercial and Industrial Grade

DDR3
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, non-ECC SODIMM, ECC SODIMM, LRDIMM, RDIMM, mini-RDIMM and ECC mini-UDIMM
- Higher bandwidth performance (up to PC3-14900)
- Capacity: 1GB to 32GB
- PCB Height: Standard, Very Low Profile, Ultra Low Profile
- JEDEC Standard 1.35V & 1.5V

DDR2
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, non-ECC SODIMM, ECC SODIMM, RDIMM and Mini-RDIMM
- Higher bandwidth performance (up to PC2-6400)
- Capacity: 512MB to 8GB
- PCB Height: Standard, Very Low Profile
- JEDEC Standard 1.8V

DDR
- Different Form Factors: Non-ECC UDIMM, ECC UDIMM, Non-ECC SODIMM, ECC SODIMM and RDIMM
- Higher bandwidth performance (up to PC-3200)
- Capacity: 256MB to 2GB
- PCB Height: Standard, Very Low Profile
- JEDEC Standard 2.5V

SDRAM
- Different Form Factors: non-ECC UDIMM, ECC UDIMM, non-ECC SODIMM and ECC SODIMM
- Higher bandwidth performance (up to PC-133)
- Capacity: 128MB to 512MB
- PCB Height: Standard
- JEDEC Standard 3.3V

DRAM Modules	LRDIMM	RDIMM	UDIMM	RSODIMM	SODIMM	MINI-RDIMM	MINI-UDIMM
FPM/EDO (5V/3.3V, max: 50ns)			Max: 256MB		Max: 128MB		
SDRAM (3.3V, max: PC-133)			Max: 512MB		Max: 512MB		
DDR (2.5V, max: PC-3200)		Max: 1GB	Max: 1GB		Max: 1GB		
DDR2 (1.8V, max: PC2-6400)		Max: 8GB	Max: 4GB		Max: 4GB	Max: 512MB	
DDR3 (1.5V/1.35V, max: PC3-14900)	Max: 32GB	Max: 32GB	Max: 16GB	Max: 16GB	Max: 16GB	Max: 16GB	Max: 16GB
DDR4 (1.2V, max: PC4-25600)		Max: 64GB	Max: 32GB		Max: 32GB	Max: 16GB	Max: 32GB
DDR5 (1.1V, max: PC5-44800)		Max: 64GB	Max: 32GB		Max: 32GB		

Features:
- ✓ ECC or Non-ECC are optional
- ✓ VLP / ULP (Very Low Profile / Ultra Low Profile) are available
- ✓ I-Temp is available