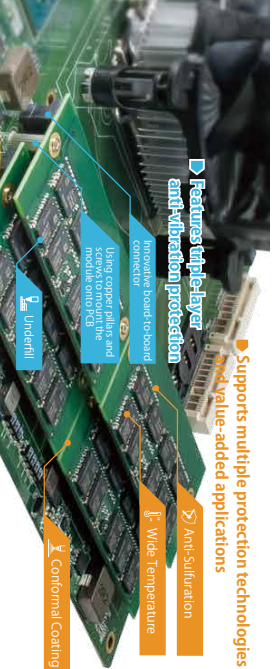


XR-DIMM

Extremely rugged

- Designed for shock and vibration environments
- Innovative design with highly rugged 300-pin connector and mounting holes
- Improved the stability of signal transmission
- Applicable for transportation, defense and aeronautical equipment

Model	DDR4 XR-DIMM
Module Type	XR-DIMM
Memory Technology	DDR4
Frequency	2133/2400
Density	8G/16G
Voltage	1.2V
Pin Count	300-Pin
Width	72.86
PCB Height	1.466"
Operation Temperature	TC:0°C to 85°C / 40°C to 85°C



Supports multiple protection technologies and value-added applications



Anti-sulfuration memory modules are mainly used in equipment exposed in highly contaminated environment.

- World's first anti-sulfuration memory modules
- Solves corrosion problems effectively and increases overall system lifespan
- Ensures product reliability and durability
- Widely recognized and awarded patents in many countries



Enhances reliability of products by applying coatings on the surface of printed circuit boards. The protective film can safeguard devices from dust, ingress and liquid immersion

- Uses automated spraying to maintain precise coating thickness
- Enhances product reliability
- Prolongs DRAM module lifespan



Apacer underfill technology ensures products continue to operate normally in high vibration and in extreme environmental conditions.

- Strengthens the solder joints between solder balls and printed circuit board
- Increases the product's resistance against shock and vibration
- Reduces thermal stress damage
- Complies with MIL-STD-883C
- Increases product reliability and lifespan



Wide Temperature

Especially designed for harsh climates and special environmental conditions.

- Operating temperature range: -40°C to 85°C
- All industrial-grade components (DRAM, resistors and capacitors) ensure stability and reliability
- High/Low temp. test/Temp. cycling test
- Power cycling test



UDIMM (Unbuffered DIMM)

- Frequency: DDR4 2133/2400/2666, DDR3 1066/1333/1600/1866, DDR2 533/667/800, DDR 366/433/400
- Density: DDR4 4G~16G, DDR3 1G~16G, DDR2 512M~4G, DDR 512M~1G
- Operation Temperature: Standard 0°C~85°C, Industrial -40°C~85°C
- Application: Embedded & PC Gaming
- Value-Added: Underfill technology, Conformal Coating technology



SODIMM (Small Outline DIMM)

- Frequency: DDR4 2133/2400/2666, DDR3 1066/1333/1600/1866, DDR2 533/667/800, DDR 366/433/400
- Density: DDR4 4G~16G, DDR3 1G~16G, DDR2 512M~4G, DDR 256M~1G
- Operation Temperature: Standard 0°C~85°C, Industrial -40°C~85°C
- Application: Transportation/Embedded & PC/Gaming/Healthcare
- Value-Added: Underfill technology, Conformal Coating technology



ECC UDIMM (ECC Unbuffered DIMM)/ECC SODIMM (ECC Small Outline DIMM)

- Frequency: DDR4 2133/2400/2666, DDR3 1066/1333/1600/1866, DDR2 533/667/800
- Density: DDR4 4G~16G, DDR3 1G~16G, DDR2 512M~4G
- Operation Temperature: Standard 0°C~85°C, Industrial -40°C~85°C
- Application: Cloud Computing/Transportation/Embedded & PC/Healthcare
- Value-Added: Underfill technology, Conformal Coating technology, Thermal sensor



RDIMM (ECC Registered DIMM)/LRDIMM (Load Reduced DIMM)

- Frequency: DDR4 2133/2400/2666, DDR3 1066/1333/1600/1866, DDR2 533/667/800
- Density: DDR4 4G~16G, DDR3 1G~16G, DDR2 512M~4G
- Operation Temperature: Standard 0°C~85°C, Industrial -40°C~85°C
- Application: Cloud Computing/Healthcare
- Value-Added: Underfill technology, Conformal Coating technology, Thermal sensor



VLP (Very Low Profile) & Mini DIMM

- Support: UDIMM, SODIMM, RDIMM, ECC UDIMM
- Frequency: DDR4 2133/2400/2666, DDR3 1066/1333/1600/1866, DDR2 533/667/800
- Density: DDR4 4G~16G, DDR3 1G~16G, DDR2 512M~4G
- Operation Temperature: Standard 0°C~85°C, Industrial -40°C~85°C
- Applicable for space-constrained systems and systems that require high stability, such as blade servers, TV, rack servers and various embedded systems.
- Value-Added: Underfill technology, Conformal Coating technology, Thermal sensor



Specialty

- DR-DIMM (Extremely Rugged DIMM)
- Anti-Sulfuration Memory Modules-DRM
- 32-Bit SODIMM-DDR4/DDR3
- SPCDIMM (Small Outline ECC Registered DIMM) DDR4, DDR3, DDR2
- Rugged SODIMM-DDR3, DDR2

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