



High-Performance Server Solution

DDR5 R-DIMM Memory Module

The industrial-grade DDR5 R-DIMM memory module is engineered with an integrated register between the memory module and the system to ensure absolute signal integrity and stability. Specifically designed for servers, data centers, edge computing, and 5G networking infrastructures. These modules are built to handle the intense workloads of Big Data analytics, Deep Learning, and High-Performance Computing (HPC).

Features

- **Peak Performance:** Reaches high-speed frequencies up to 6400 MT/s.
- **High Capacity:** Supports dense configurations up to 128GB per module.
- **Signal Stability:** Onboard Register optimizes signal timing and reduces system loading.
- **Power Efficiency:** PMIC integration ensures stable power delivery and reduces noise.
- **Ultra-Low Voltage:** Operates at 1.1V for improved thermal management and power savings.
- **On-die ECC:** Hardware-level error correction for superior system reliability.
- **Enhanced Durability:** Features 30μ gold plating on PCB contacts for long-term connectivity.



Specifications

Capacity	16GB / 32GB / 48GB 64GB / 96GB / 128GB
Module	288-pin R-DIMM
Operating Voltage	1.1V
Operating Temperature	0°C ~ 85°C
Product Dimensions(L x W)	134 x 31.3mm
Warranty	3 Years Limited

Ordering Information

Speed	Capacity	CL
5600	32GB	46
5600	48GB	46
5600	64GB	46
6400	32GB	52
6400	64GB	52
6400	96GB	52
6400	128GB	52