DDR5 RDIMM

Unigen's DDR5 Registered DIMM (RDIMM) portfolio offers enterprise grade memory modules for high-performance compute, storage, networking, AI and industrial applications. Supporting up to 5600 MT/s speeds, Unigen's DDR5 RDIMMs can provide up to 2x bandwidth improvement over prior generation DDR4 systems. Standard height and Very Low Profile (VLP) form factors are available. At just 18.75mm height, VLP RDIMMs allow for vertical DIMM placement in 1U blade servers and other embedded systems to save board space.

Key Features

- High performance DDR5-5600 MT/s operation
- Up to 64GB capacity (32GB for VLP)
- Standard Height and Very Low Profile (VLP)
- Multi-sourced, server grade DRAM
- 30µ gold finger plating
- Meets JEDEC design specs
- Industrial temperature support (-40°C to +85°C)
- IPC-610 Class 2 Manufacturing
- 100% Burn-In test (to every address)
- RoHS compliant
- Available Options: Assembled in America, Conformal Coating, Anti-Sulfur

32GB DDR5-5600 VLP RDIMM

With over 30 years in the memory business, Unigen is a trusted partner for customers worldwide. With long-term support across multiple generations of DRAM technology, Unigen's memory module portfolio meets a wide range of requirements no matter the application, workload, form factor or operating environment. All with an uncompromised focus on quality and reliability.

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Unigen™

PRODUCT SPECIFICATIONS

Feature	Spec
DDR Generation	DDR5
DIMM Type	Registered DIMM (RDIMM)
Speed	Up to 5600 MT/s
Capacity	16GB, 32GB, 64GB
ECC	Yes
DIMM Height	Standard Height: 31mm Very Low Profile (VLP): 18.75mm
Pin Count	288 pin
Bus Width	x80 (2 channels of x40)
Voltage	1.1V
Operating Temperature	-40°C to +85°C
Standard	JEDEC
RoHS	Yes

ORDERING INFORMATION

Part Number	Capacity	Speed	Form Factor	Module Config	Device Config
U4W00S8VRR2-56U1-xx	32GB	5600	VLP	4G x80	2Gx8
U2W00S8DRM3-56D1-xx	16GB	5600	Std	2G x80	2Gx8
U4W00S8DRM3-56E1-xx	32GB	5600	Std	4G x80	2Gx8
U4W00S4DRM3-56C1-xx	32GB	5600	Std	4G x80	4Gx4
U8W00S4DRM3-56A1-xx	64GB	5600	Std	8G x80	4Gx4

xx = DRAM component source

For alternative form factors and configurations, please contact us below.