

DDR4 2133 R-DIMM / VLP R-DIMM / ECC SO-DIMM

With sizes ranging from 4, 8, and 16GB and bandwidths racing upward to 2133MHz at 17GB/s transfer speeds, ADATA's server DDR4 memory modules are Intel® Haswell-EP compatible to ensure superior performance. ADATA server memory modules come in three convenient form factors: DDR4 R-DIMM for Server and Enterprise; DDR4 VLP R-DIMM for High-End Blade Servers; and DDR4 ECC SO-SIMM for Micro Servers. By running at a mere 1.2V, ADATA DDR4 memory modules use up to 20% less power than conventional lower-performance DDR3 modules. Therefore, ADATA DDR4 memory modules are the green choice for users seeking environmentally friendly solutions.



Features

- High speed up to 2133MHz
- Transfer bandwidths up to 17GB/s
- Energy efficient: Save power up to 20% compared to DDR3
- 8-layer PCB provides improved signal transfer and system stability
- Supports Intel Haswell-EP platform for extreme performance

ECC SO-DIMM



R-DIMM



VLP R-DIMM



Specifications

Type	R-DIMM	VLP R-DIMM	ECC SO-DIMM
Form Factor	Standard (1.18" height)	Very low profile (0.7" height)	Standard (1.18" height)
Suitable For	Enterprise Servers / Data Centers	Blade Servers	Micro Servers
Interface	288-pin	288-pin	260-pin
Capacity	4GB / 8GB / 16GB	4GB / 8GB	4GB / 8GB
Rank	Single / Dual	Single	Single
Speed	2133MHz		
VDD Voltage	1.2V		
CAS Latency	CL15		
Refresh	Auto-refresh / Self-refresh		
Operation Temperature	0°C~85°C		
RoHS	Yes		
Standard	JEDEC		
Intel Platform	Haswell-EP		
Warranty	Limited lifetime warranty		

Ordering Information

Product	Capacity	Rank	Voltage	Data Rate	Speed	CL	Part Number
R-DIMM	4GB	Single	1.2V	2133MT/s	PC4-17000	CL = 15	AD4R2133W4G15
	8GB	Dual	1.2V	2133MT/s	PC4-17000	CL = 15	AD4R2133W8G15
	8GB	Single	1.2V	2133MT/s	PC4-17000	CL = 15	AD4R2133Y8G15
	16GB	Dual	1.2V	2133MT/s	PC4-17000	CL = 15	AD4R2133Y16G15
VLP R-DIMM	4GB	Single	1.2V	2133MT/s	PC4-17000	CL = 15	AD4V2133W4G15
	8GB	Single	1.2V	2133MT/s	PC4-17000	CL = 15	AD4V2133Y8G15
ECC SO-DIMM	4GB	Single	1.2V	2133MT/s	PC4-17000	CL = 15	AD4S2133W4G15
	8GB	Dual	1.2V	2133MT/s	PC4-17000	CL = 15	AD4S2133W8G15